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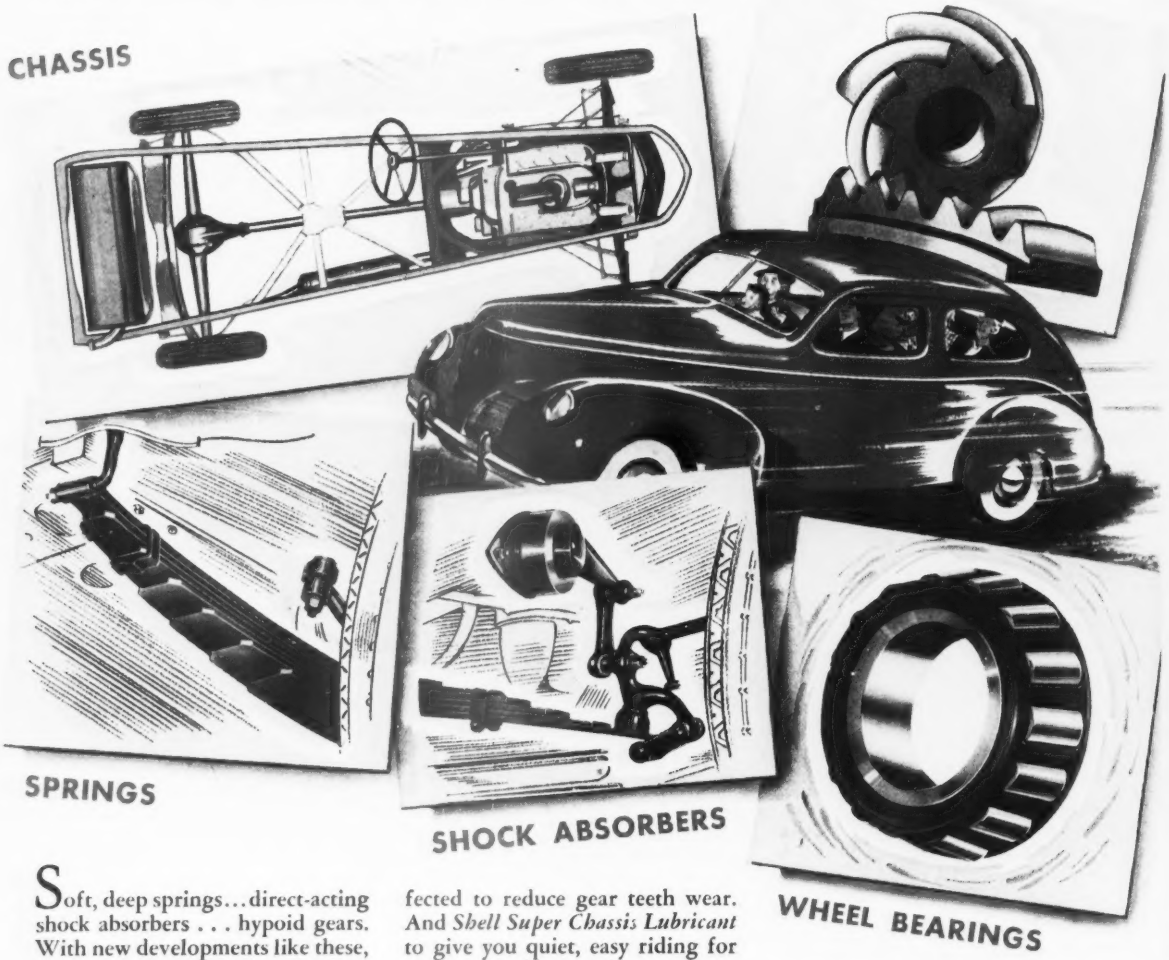
Plant Lilies Now—See Inside

DOODLES AND DESIGN ★ PAVING PATTERNS ★ 12 WESTERN HOMES ★ EASY CRAFT PROJECTS FOR CHRISTMAS GIFTS

TO PRESERVE THAT

"New-Car Ride... New-Car Safety"

IMPROVED SHELLUBRICATION SPECIALLY SAFEGUARDS HIDDEN FRICTION POINTS LIKE THESE:



Soft, deep springs... direct-acting shock absorbers . . . hypoid gears. With new developments like these, automotive engineers have given today's cars smoother-than-ever riding . . . greater safety.

Purposely to preserve such "new-car performance"— month after month—Shellubrication engineers developed unusual new products and improved lubricating methods.

In Shellubricating your car, 8 to 16 "special-job" lubricants are used . . . each designed to guard a particular point of wear or friction. For example—*Shell Super Hypoid Gear Lubricant* was recently perfected to reduce gear teeth wear. And *Shell Super Chassis Lubricant* to give you quiet, easy riding for thousands of extra miles.

It's important, too, that your Shellubrication dealer lubricates your car from a factory-approved Chek-Chart . . . a *detailed* chart that specifies *every* lubrication point and the proper lubricant for each. *So he never misses vital hidden parts!*

Improved lubricants and Chek-Charts are two of many reasons Shellubrication prolongs "new-car ride and safety." Like Shell's forget-proof lubrication follow-up and Shell's blueprint-style receipts for customers, they are *extra* advantages you get only with Shellubrication.

You'll find it worth your while to investigate Shellubrication today.

SHELLUBRICATION

The MODERN UPKEEP SERVICE

Extra Services, too— that help preserve that "New-Car Look"

Tire walls and running boards rubber-dressed. Body wiped off with a specially treated cloth. Interior vacuumed or brushed out. And other services performed with each Shellubrication—without extra charge.

Some Size— Some Class— Some Car!

FASHION-TONE INTERIOR—an exquisite harmony of color, fabric, appointments—unlike anything you've ever seen in a low-priced car! Special De Luxe models have sumptuous 2-Tone upholstery.

Plymouth for 1941—New Fashion-Tone Interior, High-Torque Performance, Powermatic Shifting —19 Great Advancements!

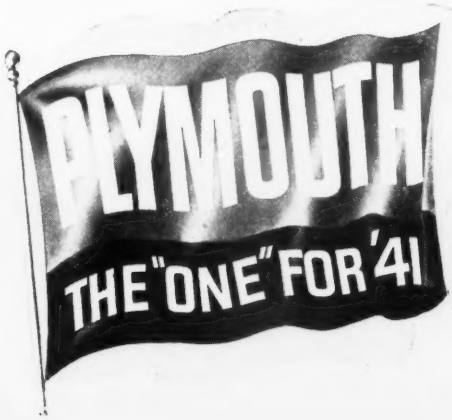
GO ON the luxury standard... step out in a new 117″ wheelbase Plymouth! It's a pleasure to remind yourself that it's *low-priced!*

Performance has been stepped up *4 ways*... increased horsepower, increased torque, new transmission and a new axle ratio give you new mastery of hills, distance, traffic.

You get a new oil bath air cleaner ... new high-duty engine bearings. Front coil springs, big 6-inch tires, metal spring covers are standard on even the *lowest-priced* models.

Stop in at your nearby Plymouth dealer's today! PLYMOUTH DIVISION OF CHRYSLER CORPORATION.

SEE THE NEW LOW-PRICED 1941 PLYMOUTH COMMERCIAL CARS!
Major Bowes, C.B.S., Thurs., 9-10 P.M., E.S.T.



Powermatic Shifting—driving effort has been vastly reduced. And, with new transmission, actual elimination of certain usual shifting motions.

Going Places

with Southern Pacific

90¢ BUYS THREE MEALS A DAY ON THESE FOUR FAMOUS ECONOMY TRAINS

BREAKFAST . . 25¢
LUNCHEON . . 30¢
DINNER . . . . . 35¢

IT'S FUN to save money when you ride any one of our four famous economy trains for chair car and tourist sleeping car passengers exclusively — the largest fleet of economy trains in America.

All four trains feature delicious "Economy Meals" in the diner. All have modern reclining chair cars, chair car porters and free pillows. For tourist sleeping car passengers they have modern lounge cars equipped with comfortable chairs, radio, library and refreshment bar. All four are air-conditioned, of course — perfect temperature control at all times.

Southern Pacific's four economy trains:

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San Francisco-Portland

This friendly economy train speeds between San Francisco and Portland (Seattle connections) via the scenic Shasta Route that shows you the great forests and mighty mountains of the Pacific Northwest.

2. THE COASTER

San Francisco-Los Angeles

This popular overnight economy train between San Francisco and Los Angeles follows our Coast Line route — the same route as our famous streamlined *Daylights*. All the way by train. No changes en route.

3. THE SAN FRANCISCO CHALLENGER

San Francisco-Chicago

Only 2 days and 3 nights between San Francisco and Chicago via the historic Overland Route. Registered stewardess-nurse. Reclining chair car for women and children exclusively.

4. THE CALIFORNIAN

Los Angeles-Chicago

Only 2 days and 3 nights between Los Angeles and Chicago via the colorful Golden State Route. Registered stewardess-nurse. Reclining chair car for women and children exclusively.

Mail this Coupon

F. S. McGinnis, Dept. SU-11, 65 Market St., San Francisco, Calif. Please send me descriptive folder containing further information about S. P.'s four famous economy trains.

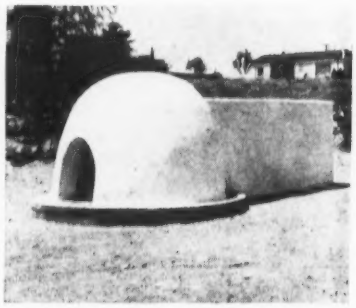
Your Name .....

Address .....

City ..... *State* .....

SUNSET GOLD

INDIAN STYLE



Dear *Sunset:* I have just completed a combination outdoor fireplace and barbecue grill (see photo above) similar to the one shown in your August issue. Your Spanish-Mexican bee-hive oven is called an Indian bake oven in the Southwest or Indian country. The Indians still use them to bake bread. A good many houses here follow the Indian or pueblo type of architecture, as does my new home, and the oven harmonizes with the house.

The Indians, of course, do not have the grill part which I included at the back of my oven.

R. B. Waggoman, Albuquerque, N. M.

ANOTHER CENSUS

Dear *Sunset:* Your readers who are interested in Western wildlife might be interested in the work that goes on behind state game laws and limits.

COVER PHOTOGRAPH by Robert Clark of Ojai, Calif. (See page 24 for information on lily shown.)

Sunset

THE PACIFIC MONTHLY

VOL. 85 - NO. 5

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Editor, WALTER L. DOTY

EDITORS: Norvell Gillespie (*Garden*), Emily Chase (*Foods*), Helga Iversen (*Travel*), Ione Nomm (*Editorial Assistant*), ASSOCIATE EDITORS: E. L. Reber and Elsa Uppman (*Garden*), Elise Manuel (*Arts & Crafts*), Ellen Sheridan (*Good Ideas*). ART DIRECTOR: Raymond Wells.

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The job of counting the wildlife of the United States is supervised by the Federal Biological Survey. Details are handled by federal rangers and at times by state game wardens.

The best time for counting is after the wild creatures have had their young. Thus California wardens count mountain sheep in early summer. Due to their craggy habitat, counting is often done from airplane cockpits.

In counting, representative cross-sections are scoured; averages are then worked out. The job is easier because migrations, with the exception of winter's annual hegira, are uncommon. Rangers know, for example, that a mountain lion stays as close to his 90-mile beat as a cop to his corner. Four or five rangers work in an area at a time, jotting notes as they go. Later they meet to compare notes and arrive at totals.

After the results have been tabulated in Washington, D. C., individual bulletins, or wildlife balance sheets, are sent to each state. From these inventories, state game laws are drafted. Limits are raised or lowered; seasons lengthened, shortened, or closed entirely if a particular species is in danger of becoming extinct.

Flint Hindman, Inglewood, Calif.

PLANT OR ANIMAL?

A ruffled, shaggy aster,
Disheveled, it appears.
It looks just like a Scalyham
With fluffy, floppy ears.

Thelma Ireland, McGill, Nev.

GARDEN GIANTS

Dear *Sunset:* You might call this an open letter to calla lily growers. Mr. George B. Devenpeck of Seattle wants to know if there are any growers on the Pacific Coast who can top his 6-foot lilies. Mr. Devenpeck, who stands 5 feet, 11½ inches, must look up to the blossoms of his lilies.

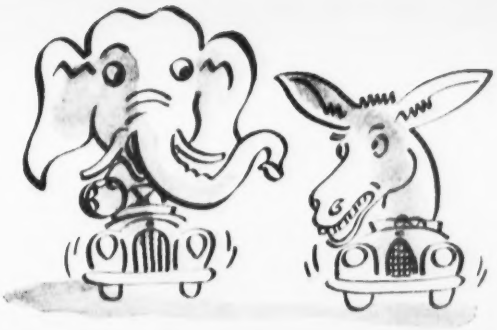
Mr. Devenpeck planted the common variety of white calla lilies.

Come spring, he'll have a challenging gleam in his eye as he is out to grow 7-footers next year!

Mrs. Victor N. Nelson, San Francisco.

Duplication of native South African conditions: cool coastal climate, light fertile loam, plenty of food and abundant water make calla giants. Incidentally, callas are members of the arum family and are not true lilies. Therefore, correctly, they are called simply callas, not calla lilies. ED.

(*More* SUNSET GOLD *on page 56*)

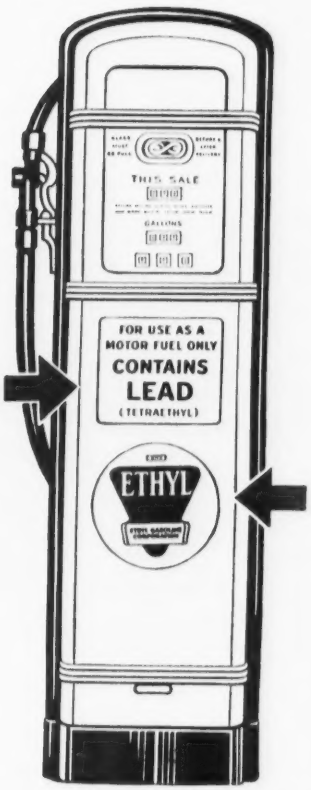


CHOOSE

YOUR GASOLINE CAREFULLY, TOO!

▶ Here are the signs of improved gasoline

THIS SIGN on a gasoline pump means that lead tetraethyl, a liquid, has been added to the gasoline to improve its anti-knock quality. "Leaded" gasoline is sold by dealers throughout the United States and Canada. Lead tetraethyl is manufactured by the Ethyl Gasoline Corporation.



THE "ETHYL" EMBLEM on a pump or its globe means that the gasoline contains enough lead tetraethyl for highest anti-knock, so that your engine's spark can be advanced closest to the point of maximum power and economy, without "knock" or "ping."

The better the gas — the better your car!

Cocktail Lounge

San Francisco's gayest foregather where Nob Hill pins a circle of light in a black-velvet sky, copied in glittering festoons which the bridges string across the Bay below.

See it all from this eagle perch. *Dine* with gourmets, to exquisite music. *Live* luxuriously far from the city din, yet four minutes from shops and theaters and a short stroll from famous Chinatown.

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HOTEL MARK HOPKINS
SAN FRANCISCO

Travel NEWS

IN WESTERN MOUNTAINS, *there is still autumn color but snow is beginning to fly. Skiing starts this month on Mount Hood . . . And skiing is big news on Mexico's famous Mount Popocatepetl (for variety try coming down the mountain on a* petate*) . . . National parks that are open through the winter are getting ready for snow sports . . . United Air Lines has eliminated plane-changing at Salt Lake by adding through sleepers from Los Angeles east . . . On the Middle Fork of Idaho's Salmon River, the Sun Valley management has established a base camp for fall hunters and fishermen . . . And really big fish are biting at sunny Guaymas in Mexico . . . Twenty-two miles south of Grand Canyon Village (on the south rim) the Wayside Museum of Archaeology has been completed.*

HAVASUPAILAND

In Cataract Canyon, a part of the Grand Canyon, lies Havasupailand—the Land of the Sky Blue Water. It is a bit difficult to reach, but to visitors who will exert a little effort to get there, it yields delicate beauty and a glimpse into a fresh, gentle world.

The Havasupais, a happy tribe of about 200 Indians, were discovered here by Father Garces about the time of the American Revolution. They have continued living much as they did then in this canyon of mile-high, castle-like red cliffs. The floor of their canyon is patterned with luxuriant little farms through which flows the abundant Havasu Creek, its course traced by trees. The creek tumbles 50 feet at Navajo Falls; drops 100 feet at Havasu Falls; and then 900 feet at Mooney Falls, roaring and splashing and throwing a misty veil on its way to the turquoise pool at the bottom. Maidenhair fern and other delicate green things border the pools.

On their rich little farms the Havasupais raise corn, beans, melons, squash; they have pear orchards, and keep a few cattle. The women work at basketry and the men dress and tan beautiful white deer skins. Their happy, gentle life is shown in their treatment of their children—harsh words or cruel punishment they believe shrivels a child's soul. The tribe is headed by a venerable chief more than 100 years old.

For many years the Havasupais lived almost unknown to travelers, the location of this idyllic spot being well hidden by its protective geography. One writer on ethnology considers this the only place in the United States where native culture has remained nearly pristine. You may visit it now. A 33-mile gravel road leads from Grand Canyon Village on the south rim to Hilltop where the motor road ends. From Hilltop a sinuous 14-mile trail, which can be traveled only on horseback or on foot, leads to the bottom of the Canyon of the Havasupais, which is on the Havasupai Indian Reservation. Supai, probably one of the most inaccessible post offices in the world, is the village and also the government-center of the Reservation. By writing or phoning ahead to Postmaster and Indian Agent C. F. Shaeffer, Supai, Arizona, horses will be sent to meet you at Hilltop. The ride down and back costs about $7; overnight accommodations at Supai cost about $4.

Mr. Shaeffer suggests September, October and November as finest months for the trip. March, April and May are next best. The three summer months are hot, but the trip down the canyon is pleasant if made in the early morning or late afternoon. Winter isn't advisable because of possible bad roads.

MOTOR TO MEXICO

Conducted tours to Mexico in your own car are offered by Travel-Mex. Lasting 11 days, these tours leave Laredo, Texas weekly. By following a specific route and traveling in groups, the

motorist sees the most in the least time and at a minimum cost.

All arrangements, from tourist cards and auto permits to hotel accommodations and meals are taken care of in advance by the tour company. Prices include all expenses of the trip, gas, oil, garage and guide service. They vary according to the number of persons in the car (example: $75 apiece for 2 persons in one car from Laredo back to Laredo).

For a folder and itinerary of these conducted motor tours, write Travel-Mex, Juarez 56-705, Mexico, D. F.

AUSTRALIA

In Australia summer begins in December. However, escape from winter is not all that the land "down under" offers. The trip from any Pacific Coast port is really a tropical cruise for the ship stops at Honolulu and such ports as Suva and Fiji.

Aside from the fascinating sights to see in Australia, there are opportunities for side trips—short South Sea Isle cruises to such places as New Guinea, the Solomon Islands, the New Hebrides. The Burns, Philp Line offers these cruises. No other exotic native islands are so accessible from large centers of civilization as those reached from Australian ports.

Under the present rate of exchange American dollars will buy Australian pounds at bargain prices, so travel costs in Australia are very reasonable.

THE VOLCAN ROUTE

The Volcan Route, which follows a trail more than four centuries old, is recommended for the motorist in Mexico who doesn't mind leaving main-traveled roads. It traces, roughly, the path of Cortes and his Spanish conquistadores on their memorable march from Cholula.

Starting from Mexico City, the route leads to Texcoco, Santa Barbara and Amecameca—small villages and cities remote from tourist trails. From Amecameca to San Pedro Nizapa, Mt. Popocatepetl

S-M-O-O-T-H AT EVERY SPEED

PUT YOUR FOOT DOWN to the floorboards, and watch that car of yours pick up speed. Listen carefully and keep an eye on the speedometer. At low pick-up speed you're running smoothly...up, up goes your speed... still purring along without a knock...faster, faster...she's quiet all the way—smooth at every speed. That's the new experience you are going to get with Finer Flying A—and here's the secret.

SEVEN GREAT GASOLINES IN ONE

Thousands of motors knock. Some knock at low speeds and run quietly at high speeds. Some run smoothly at low speeds and pick up a knock only when rolling along at highway cruising speeds. So "stop that knock" became a challenge to Associated scientists. Finer Flying A was the solution. It's a brand new kind of fuel, a blend of seven different gasolines. *Polymerized, cracked, re-formed, alkylated, straight-run, natural* and *solvent refined* gasolines are all in Finer Flying A. Each has its particular job to do. All combine to assure you of *smoothness at every speed.* Fill up with Finer Flying A the very next time you need gasoline, and see how this new, regular priced fuel gives your car a new smoothness all the way 'round your speedometer dial.

TIDE WATER ASSOCIATED OIL COMPANY

LISTEN IN to our football Sportcasts whenever you are unable to drive to the games. See your neighborhood Smiling Associated Dealer for information on games to be broadcast, radio stations and starting times. It's another friendly Associated service.

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OSK Line

WANTED...

... a beachcomber

MUST BE a bred-in-the-bone sun-lover, with the proper feeling for wide, unspoiled beaches, for the surf that pounds and the gulls that wheel. Must have an eye for the beauty of the hills which roll right down to the water's edge, and the flowers which color those hills. Must crave time for reflection, and cherish the good things which accrue to the body and soul--here in this peaceful life. May begin any time; recompense will be great!

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Address - Room No. 032
San Diego California Club

SAN DIEGO
SOUTHERN CALIFORNIA
WINTER SUN FESTIVAL • SEE YOUR TRAVEL AGENT

looms close ahead. An amazing view of the valleys far below may be had from Old Camp, next on the route. Then comes Paso Cortes where, for a brief side trip, a road leads off to the base of Mexico's other famous mountain Ixtaccihuatl, The Sleeping Lady. If you have started early you will see both these lovely mountains taking the rays of the rising sun.

From Paso Cortes the Volcan Route leads to Cholula and Puebla, two cities on every Mexico-motorist's itinerary. Cholula is known for its many churches and for the great ancient pyramid whose origin is unknown (it was there when the Aztecs came). Puebla, famous for its tile, is a bright flowered city with a Moorish touch in its architecture, and with rich churches. Puebla, too, is the place of the Hidden Convent.

The smooth highway back to Mexico City climbs through the beautiful pine-wooded mountains of one of Mexico's national forests. At an altitude of 10,000 feet one catches a magnificent view of maguey plantations stretching off to Popo and Ixtaccihuatl, which, if you have timed your return for it, will be wreathed with rose-colored clouds, or flaming with Mexican sunset.

Plan a full day for this trip from Mexico City and back. A basket lunch is recommended.

CARLSBAD CAVERNS

Carlsbad Caverns National Park in New Mexico, open the year around, is easily accessible to rail travelers eastbound via a southern route. The stopover provides an interesting break in the transcontinental trip.

Santa Fe now offers the side trip from Clovis to Carlsbad via its daily chair car and tourist sleeper train *The Scout* which runs between Los Angeles and Chicago. *The Scout* provides air-conditioned stopover sleeper service right to the town of Carlsbad where the traveler may join an escorted tour to the Caverns. The side trip from Clovis, including motor service to the Caverns, entrance fee, a 5-hour tour of the Caverns, and 3 meals, costs $12.50 for coach passengers; $14.05 for tourist class passengers (this includes a lower berth between Clovis and Carlsbad and return for tourist passengers).

Travelers eastbound on Southern Pacific can make the Carlsbad Caverns side trip by taking their *Sunset Ltd.* from Los Angeles which connects with a motorcoach service from El Paso to the Caverns. Round trip takes 11 hours, costs $9.75, and includes the motorcoach tour, entrance fee, tour of the Caverns and luncheon.

For details write Santa Fe, 560 S. Main St., Los Angeles; and to Southern Pacific, 65 Market St., San Francisco.

MISSION TRAILS

The Pathway of the Padres, a small book by Howard H. Horrworth, takes the reader down El Camino Real both the wide highway of today and the older trail whose dust was stirred by the sandaled feet of the padres. Well illustrated with photographs, this book tells the story of the founding of the California Spanish Missions, restoration programs, and their present day status. It may be ordered from the California Mission Trails Association, 412 West 6th St., Los Angeles. Price 25 cents.

SIDE GLANCES

The Painted Desert Inn, built on an escarpment overlooking the multi-colored desert for which it is named, recently has been opened in The Petrified Forest of Arizona. Architecturally an adaptation of the Pueblo style, the Inn blends naturally with the colorful region and becomes an attractive feature of it, as do buildings in other Southwest parks and monuments.

Besides the dining room for visitors to the Forest, the Inn houses a museum, trading post and information office as well.

CASTLE-MUSEUM

Eight hundred feet above the swift water of the John Day River stands Maryhill Castle, about 10 miles south of Goldendale, Wash., on U. S. Highway 830. Lavishly built to be the home of Sam Hill, but never occupied by him, it is now maintained as a museum housing the rare objects of art, coronation chairs, sculpture, books and Indian art, which he collected.

Nearby may be seen the Stonehenge Memorial to the World War

dead, also built by Mr. Hill. It is an exact replica in shape, size and even in position in relation to the stars, of the real Stonehenge in England.

WHITE-COLUMNED COTTAGE

The historic, gracious old mansion on the Mississippi curiously misnamed "The Cottage," has been reopened to visitors driving through Louisiana. The Cottage was built in 1824. For many years its broad plantation was worked by slaves. During its varied history many celebrities, presidents among them, have known its hospitality. In the Civil War, Union troops occupied it by force and later ransacked it. Restored now to the richness and beauty of its early days, its doors once more are open in welcome. Visit it, if you are near, on the east bank of the Mississippi at Conrad's Point, a few miles south of Baton Rouge, La.

YUCATAN

Some of the most magnificent, amazing and mysterious ruins on this continent may be seen and explored in the State of Yucatan in Mexico. Hub of tours to these ruins of the old Maya Empire is Merida, which rests on the site of a Mayan capital thousands of years old.

Merida is best reached by plane from Mexico City (roads are not yet available). The trip takes about 6½ hours each way, and costs about $100 round trip. The best and most satisfactory way to see the ruins is to take an all-inclusive Mayaland Tour. These tours start from the airport at Merida; include all transportation, meals, hotel accommodations, private automobile service to the ruins of Chichen-Itza, exploration of the ruins, and return to the airport. A 4-day tour costs $34.

For a booklet on Yucatan and the ruins, and for tour suggestions, write Mayaland Tours, Merida, Yucatan, Mexico.

NEW SHIPS

The *Awatea*, one of the fastest ships in the world, will now augment the Vancouver-to-Australia service of the Canadian Austra-

It's new in size! With increased wheelbase and new, bigger bodies, the '41 Ford is the biggest Ford car in 38 years! Seating width is as much as 7 inches greater! For a new high in roomy big car comfort . . . see Ford for '41!

It's new in ride! With sweeping changes and improvements, the new Ford has a soft, level, big-car ride that's one of the year's surprises!

It's new in luxury! With increased quietness . . . still greater handling ease . . . new richness of fittings and trim . . . new, massive styling!

See the new Ford today! It puts Ford extra value where you can *see* and *feel it!* Before you trade on any new car, see the car and check the deal that waits at your Ford dealer's now!

Get the facts and you'll get a

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★ *As rapidly as possible, Mac-Rac is being made available in leading stores. If you can't wait, send $1.50 for trial installation (post card brings illustrated folder). Take a look at your closet—your shoes. Then take action—Mac-Rac.*

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MAC-RAC COMPANY

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TIPS ON TIPPING:

Whom to tip, how much, and when; on trains, steamers, planes; in hotels; on cruises . . . 10c. Leaflet tells you. Order, *Sunset Book Dept., 576 Sacramento Street, San Francisco.*

When vacationing in MEXICO you are neither a tourist nor a visitor-You are a Guest! And - in a country whose hospitality is proverbial - you are accorded the treatment which the name implies.

This, no doubt, accounts for the fact that as the travel map of the world keeps on growing smaller, Mexican - American friendship and solidarity become more evident.

And then, other factors, such as proximity, climate and rate of exchange, single out your Mexican holiday as an experience that you want to repeat over and over again.

Travel to "air-conditioned" Mexico City in Pullman air-conditioned comfort.

Your Travel agent specializes in MEXICO Ask him to prepare a well-balanced itinerary to suit your budget and time limitations.

Let us send you our latest broadside "Mexico awaits You"

G. SERVIN C. A.

NATIONAL RAILWAYS OF MEXICO

815 PACIFIC ELECTRIC BLDG. LOS ANGELES, CALIF.

7000 Miles
on a
Bicycle Built for Two

That's the amazing trip recently made by Jim and Elisabeth Young, a young married couple who used to be members of Sunset's editorial staff. They pedaled their tandem bicycle, *The Spirit of Fun*, from the Pacific to the Atlantic and back to the Pacific.

What a trip they had! The darnedest adventures! And more darn fun!

They tell all about it in their utterly delightful book, **BICYCLE BUILT FOR TWO.** You mustn't miss it!

Send your name and address and $1.50 (no postage) to the below address for your copy of **BICYCLE BUILT FOR TWO.**

Book Department, Sunset Magazine
576 Sacramento St., San Francisco

lasian Line . . . NYK's latest entry into their trans-Pacific service is the new *Yawata Maru*, now sailing from Vancouver to the Orient via Honolulu. (Minimum one-way fare to Honolulu, $85.) . . . Because travel to South America is up, OSK Line has added its round-the-world luxury liner *Brasil Maru* to its Los Angeles-Panama-Buenos Aires service.

HOLIDAY TOUR

For travelers who want a new kind of holiday season and who want to get away to the winter warmth of Southern Arizona, there's the Holiday Rail Tour leaving California in December for Arizona.

This tour leaves from San Francisco and Los Angeles December 26, returns January 4; and includes many of Arizona's wonders—such as a trip by boat up the Junior Grand Canyon; overnight at Natural Bridge Ranch; stops at Montezuma's Castle, Tonto National Monument, the Southwest Arboretum, Indian villages and reservations, San Xavier Mission, Colossal Caves, Tucumcacori (oldest mission in the U. S.), and winds up with a short trek across the border from Nogales into Old Mexico. Colorful holiday celebrations will be going on at missions and Indian villages; New Year's Eve will be spent in Tucson, and special entertainment (including an ice rodeo) has been arranged for the tour party.

The Holiday Rail Tour South will cost $120 first class, all-expense. For a folder giving details of the tour, write Sunset Travel Service.

SUN FESTIVAL

From now through March Southern California is putting on its Winter Sun Festival to welcome visitors. The Sun Festival offers "something doing every day"—pageants, fiestas, rodeos, flower shows, regattas, horse races, symphony, drama—to punctuate the winter vacation. Persons planning a trip south should write to the All Year Club of Southern California, Los Angeles, for a folder on Sun Festival events.

GAMES FOR SMALL TRAVELERS

Though children are curious and alert and want to see everything while they're traveling, they haven't an adult's capacity for enjoying endless stretches of magnificent trees or miles of shining ocean.

When scenery is no longer diverting, simple games, suggest *Sunset* readers Kate C. Snitjer of Palo Alto, Calif. and Freda L. Wood of Glendale, Calif., make long stretches pass quickly. Wiggling and restlessness will stop, and even the few-year olds will like "Guess This One" and "I See Something Red."

GUESS THIS ONE

One person hums a tune and the rest of the group trys to guess the song's title. A variation of this game is for one person to clap out the tune while the rest try to guess what it is.

I SEE SOMETHING RED

This is a quiet game. Everyone in the car except the one who is *it* shuts his eyes. *It* looks around in the car until he sees something that he thinks would be hard for the others to guess (anything from an instrument on the dashboard to a necktie or a hat). Then he says, "I see something red (or blue or yellow as the case may be)." The other players open their eyes and guess, in turn, what the object is. It's wise to take turns being *it*.

THE MINISTER'S CAT

The first person says, "The minister's cat is an *able* cat." Each one in turn repeats the sentence, substituting another adjective beginning with A for *able* (absent, awful, active, etc.). When the A's are exhausted, start again with B.

LIMERICKS

Limericks aren't really a game but they're fun. After you once get started, the crazy rhymes start popping into your head without effort. The first 2 lines and the last one always rhyme with each other; the middle ones rhyme with each other, as:

A silly young girl named Susan
Always went to bed with her shoes on
She lost them one day
In a peculiar way
Which gave her something strange to muse on.

Limericks about the things you see as you drive are simple and often very amusing.

ONLY ZENITH HAS THIS !

WAVEMAGNET

BUILT-IN MOVABLE FOR RECEPTION IN TRAINS, PLANES, AUTOS, ETC.

U.S. PATENT NO. 2164251

IN AIRPLANE CLOTH (INCLUDING BLUE)

The shape and size of an overnight bag styled like expensive luggage.

The *ONLY* PORTABLE RADIO Guaranteed to Play Where Other Portables *Fail* . . . or Your Money Back

Engineers of the Zenith Radio Corporation *again* give you a most remarkable invention . . . the *Patented* Movable Wavemagnet in a portable radio which you can carry in one hand, self-powered with a light, one-piece battery pack. Under all ordinary circumstances it works without outside aerial . . . without outside wires or ground.

LISTEN WHILE YOU TRAVEL . . . PLAY . . . OR WORK

Take this wonder portable where ordinary portables will not work efficiently; in a train, airplane, bus, ship, auto or any windowed building where metal construction *keeps out reception.* The secret of why it works while others fail is in the *Patented* Movable Wavemagnet, which is exclusive with Zenith.

Check up on your next train trip. See how many Zeniths are playing *well* . . . and how many other makes *fail* to do so. Your money back if *Zenith* fails.

And that's not all! At home, in the office, in hotels, if you want to save your battery, plug into any light socket . . . 110 volt AC or DC. That will automatically disconnect your battery and save it for outdoors or travel.

EARPHONES SOLVE PRIVACY PROBLEMS

This Zenith portable has storage space for earphones . . . (extra equipment) for use at ball games, fights, or while travelling; for privacy in reception without loudspeaker. At home—no annoyance to those in the next room or even in the next bed when you listen with Zenith earphones or Hushatone. A boon to the hard of hearing, too.

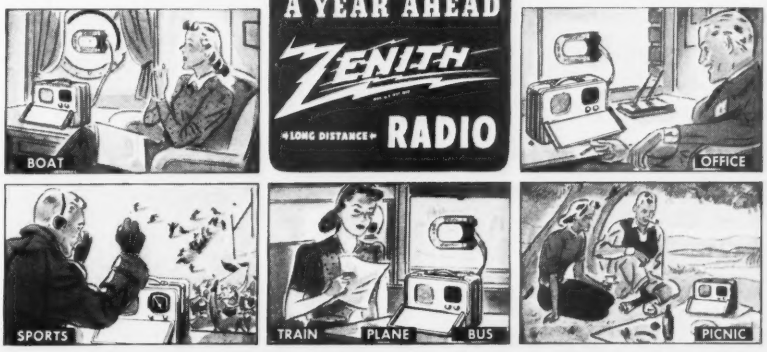
UNDER NO OTHER NAME BUT ZENITH . . .

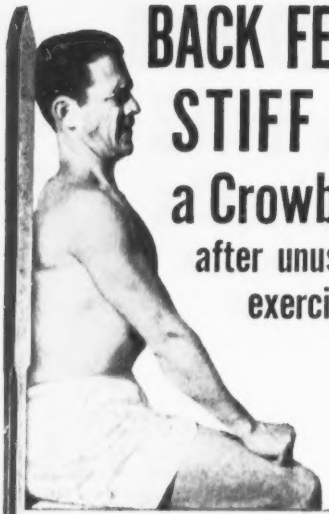
. . . can you obtain this radio or a portable that *is, has,* and *does* so many things! *Patented* Wavemagnet—built-in yet movable—combination battery *and* lighting current operation—loudspeaker *and* earphone reproduction—adjustable to varying conditions—reception at home or travelling. Don't buy until you see and hear the Zenith Universal Portable at authorized Zenith Dealers everywhere.

De Luxe Edition in genuine cowhide . . . priced slightly higher than regular airplane cloth cover.

A NEW INVENTION — AGAIN A YEAR AHEAD — IT'S DIFFERENT

ZENITH — LONG DISTANCE RADIO





BACK FEEL STIFF as a Crowbar after unusual exercise?

Feel better QUICK! Help Nature drive out

FATIGUE ACID!

Those aches and pains you feel after heavy exercise may come from fatigue acids in your muscles. Actually they make your muscles swell inside their sheaths causing soreness and stiffness.

For quick relief rub Absorbine Jr. into the sore places. This fine old product gets to work at once. By stimulating circulation, it speeds a flow of fresh blood through the tissues to carry off those acids. Pain lets up, swelling goes down. Millions rely on Absorbine Jr. because it is:

1. QUICK ACTING 3. PLEASANT
2. QUICK DRYING 4. ECONOMICAL TO USE

At all druggists, $1.25 a bottle. Free sample—Write W. F. Young, Inc., 290W Lyman St., Springfield, Mass.

ABSORBINE JR.

FAMOUS also for Relieving Athlete's Foot, Strains, Bruises

FOR COLD SORES and Chapped Lips!

No need to suffer. Immediate relief. Takes away stinging, feverish sensation. Quickly restores lips to smooth, soft condition. Carry tube in purse or pocket. Apply every hour till blister is gone. At all druggistes.

L. D. BRACKEN, Pharmacist
1314 Fourth Avenue, Seattle

BLISTEX

Colorful Map

"THE LAND of MAKE BELIEVE"

Children of all ages love this large, storybook map—spend endless hours with favorite fairyland characters and scenes. 8 gay colors. Ideal for nursery and playroom. 26 x 37½". In gift mailing tube. Postpaid in U. S. A. **$1.00**

Send 10c for 32 page catalog of pictorial maps. Catalog free with order

Le BARON-BONNEY COMPANY
Dept. 77 Bradford, Mass.

TRAVELERS SAY . . .

GASPE

Seeking your help on a trip to New England and Eastern Canada, your Travel Editor said, "and of course you'll visit the Gaspe Peninsula." That sowed the seed and a more interesting trip could not have been planned. We found it quite as foreign as Mexico and while a knowledge of French is not essential, we found it most helpful. With it, we were able to enjoy interesting and informative conversations with the charming and hospitable folk who inhabit the Peninsula. The quaint villages built around their church, the picturesque fishing villages bordering the blue Atlantic, and the lovely green rolling hills are sights never to be forgotten. The West has nothing to compete with it. We hope you continue to impress the charm of the Gaspe Peninsula on all who plan Eastern trips. Be sure to tell them to spend plenty of time at Perce. —*Mr. and Mrs. M. R. E.*, Sacramento.

SEASICKNESS REMEDY

In *Sunset* for March 1936 I read of a remedy for seasickness which I have since given to many friends troubled with sea-, train-, and auto sickness. It is so effective I think it would be helpful to new subscribers if you reprinted the directions. —*H. B.*, Park City, Mont.

"*The doctor on one of the largest globe-girdling liners says: When seasickness assails you, swallow 2 tablespoons of clear Karo corn syrup every hour. Clear corn syrup is nearly pure dextrose; it is quickly assimilated and quickly counteracts the queasy condition.*" ED.

WHALING STATION

If you're passing through Eureka take time to see the Whaling Station at nearby Fields Landing. This station can handle 2 or 3 large whales, and the killer boat brings in a whale practically every day. The catch is put on display all day, and cut up under floodlights at night. A lecturer explains the process. Watch for signs along the highway—they tell whether there's a whale to see at the Station. —*R. W.*, San Francisco.

ARIZONA FIND

Just off U. S. Highway 80 near the Arizona-New Mexico border, in the Chiricahua Mountains, is a little-known vacation spot worth mentioning. At the mouth of Cave Creek Canyon there are a dude ranch, camp ground and cottages. Up the canyon is the first log house of this region, hand-hewn for a brave young bride who came there with her husband when the country was literally surrounded by hostile Apaches. On top of these mountains, where Cochise's Head is seen against the skyline, is a recreation area named Rustler's Park. That is just what it was in days gone by. The Chiricahua National Monument in Coronado National Forest, that wonderland of rocks, is just over the top of the mountains.

This area is enoyed by so few because the average Mr. and Mrs. Tourist take a vacation in much the same way they spend the other 11½ months of the year—full speed ahead! That, and the idea that southeastern Arizona mountains couldn't be anything but barren waste, has caused many to zoom by this true Apache paradise. —*A. L. L.*, Oxnard, Calif.

ARTIST POINT

Haven't seen anything in *Sunset* on Artists Point on the Yellowstone River in Yellowstone National Park. It is one of the most beautiful spots I have visited and everyone West of the Rockies should see it. —*B. T.*, Modesto, Calif.

EDITOR'S NOTE

For descriptive literature on the Gaspe Peninsula mentioned at top of left column, write the Canadian Travel Bureau, Ottawa, Canada.

For literature on Arizona, mentioned above, and for a colored map of that state, write the Division of Publication and Travel, Arizona State Highway Comm., Phoenix, Arizona. Ask for their folder Arizona Welcomes You.

Do you know?

That 92 of every 100 men past the age of 65 depend for a livelihood *upon low pay work, charity or the kindness of relatives? It is 11 to 1 you cannot properly support even yourself at 65... unless you plan your future now!*

That although every State has rigid legal requirements *governing the operation of life insurance companies, actual practice of companies in the United States in protecting their policyholders is even more rigid.*

SYMBOL of hope and security in the lives of thousands who are beneficiaries of life insurance, this towering structure is a landmark to the virtues of thrift and foresight. It is the symbol that guarantees *income when income is needed* for the 241,000 people who are Pacific Mutual policyholders. And it is the symbol of the free American way of solving the problems of free Americans.

The Home Office of Pacific Mutual Life Insurance Company is the symbol of more than 240 million dollars invested in American industries, American cities and American homes. It not only assures the future of these 241,000 policyholders but enriches the lives of thousands of others for whom this vast fund creates opportunity by the stimulation of industry, and employment by the financing of new enterprises and the building of homes.

Pacific Mutual service reaches from coast to coast. Its 241,000 policyholders reside in every state in the Union. Constantly alert to its responsibility, the company is proud to be the "Breadwinner for Widows."

PACIFIC MUTUAL LIFE INSURANCE COMPANY
523 W. 6th St., Los Angeles, Calif., Sec. 11-E

I should like to receive the FREE information checked below to help me arrange my insurance program to best fit my current needs.

☐ Pacific Mutual's plan to supplement existing Social Security benefits.

☐ Pacific Mutual's booklet about the famous "Five-Way Plan" for happier living.

Name _____

Street _____

City _____ *State* _____

Pacific Mutual Life Insurance Company

OFFICES IN MOST PRINCIPAL CITIES OF THE UNITED STATES

What's hotter than a FIREBALL?

Buick SPECIAL *6-passenger 4-door Sedan, $1052. White sidewall tires extra.* ★

Answer: **Certainly nothing on the 1941 automotive horizon**

THERE'S an impressive lot of high-powered languag in the automobile ads these days.

But it takes more than current engineering to transmit that energy to the wheels.

So we're going to try to tell you about the new Buick in low-pressure terms.

It's new in about 75 items, ranging all the way from its styling to the step-up in power and efficiency of its new FIREBALL engine.

It's roomier, broader, sturdier, its weight lower-swung. It has a steadier, softer ride, a surer-than-ever hug to the road.

There is new brilliance in its micropoise-balanced power plants — simply amazing thrift from their new refinements on the Buick Dynaflash design principle.

There are new frames and new Flash-Way signals. New convenient one-piece hoods and new Permi-firm steering. New body lines and richer interior fittings.

There are new instrument panels, new oil-bath air cleaners, new concealed running boards, new Compound Carburetion that gets as much as 10% to 15% *more* mileage from gasoline.

And reenforcing all such, there's that old Buick dependability in every single model.

We think our five series of 1941 cars are the best we've ever made.

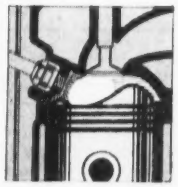
When you see them, we believe you'll likewise say, "best yet."

BUICK PRICES BEGIN AT

$935 **for the Business Coupe**

★ *delivered at Flint, Mich. Transportation based on rail rates, state and local taxes (if any), optional equipment and accessories — extra. Prices subject to change without notice.*

THE *FIREBALL* DOES IT!



Modern gasolines have higher octane ratings to permit higher compressions without "ping." This piston, which can be used only in valve-in-head engines, capitalizes on that fact. Note how it rolls the fuel charge into the shape of a flattened ball, centered around the racing-car type spark plug. This more highly compressed fuel lets go with such extra, full-forced, "ping-free" wallop that in the Buick SPECIAL *the same-sized engine develops eight more horsepower on regular-priced gasoline and gives better mileage at all speeds.*

"Best Buick Yet"

EXEMPLAR OF GENERAL MOTORS VALUE

SEE YOUR NEAREST BUICK DEALER

Sunset

THE MAGAZINE OF WESTERN LIVING

UNTOLD STORIES

A CRITICAL (and rather literal minded) friend of ours read advance proof on this issue of *Sunset*. Half-way through he tossed the pages aside, snorted and said, "If that's Western Living, make mine Deep South! Any reader who did everything you suggested would have a 12-hour a day job and no looking up.

"Look what you command him to do: Burn the weeds of a vacant lot, hoe it to a depth of 2 inches and then scatter wild flower seeds. Buy more lilies and dust the bottom of each one with a hormone powder before you plant it. Spray this; spray that, and be sure you hit the undersides of the leaves as well as the tops. Prune this and that. Motor to Mexico. Start making Christmas presents. Make fruit cake *now*. Try a scientific experiment. Build a garden cart. And between jobs, sit around and put your doodles to work . . ."

BYWAY READING

We stopped him there for obviously he wasn't an experienced *Sunset* reader. Like reading a blueprint, it takes a special technique to read *Sunset*. Its pages should be turned slowly, and with an exploring mind. They are not billboards to flash by on a mile a minute highway—you should travel leisurely; straight through if you like, but better yet with a short turn up this cross-road or that to see what there is to explore. These byways are good routes found by hundreds of Western families in their search for more pleasure in living, more ways to make home the most interesting place in the world.

We're sorry you can't meet these families. We omit the human interest of their stories so that we can report more of their discoveries. But in *what* they have done, and *how* they've done it you may be able to find these people and imagine their pleasure. We hope that part of the fun in reading *Sunset* is in glimpsing this story behind the story.

SPACE FOR LIVING

You can't read *Sunset* with a loafing imagination. We don't want to make up your mind for you, to hand you a pat formula for living. For instance, we illustrate and explain a small home in Altadena under the title *Space for Living*. You may not like it at all—or you may say, "That's exactly the home I want. Where can I get the plans?"

We hope that you'll do neither. We hope instead, that you'll find in the way this home was planned a method, a philosophy you will want to follow. There is so much you can do with *space*—those few square feet of floor and lot—if you realize that *you* can change a convention or a tradition. Your needs and desires are the real criterion for the home you build or remodel or the garden you design.

BEAUTY AND BORDEAUX

Garden pages especially would be dismal reading if your imagination weren't working.

Sometimes we almost rebel as we read our garden copy. Surely the fragile beauty of flowers can't withstand this barrage of cold words. Surely the joyful spontaneity of growth is not a part of these laborious directions. Then, suddenly, memories add meaning to the terse words: The mottled blue and white spatter of bordeaux spray on the bare limbs of our peach tree last winter (spray applied with the benediction, "no curly leaf scourge for you next spring, old fellow"); and the color of begonias, incongruous product of mulches and fertilizers, correct drainage and syringing . . .

We know of no vocabulary less flower-like than that of the gardener. By any other name an anemone would be more beautiful. But gardeners are understanding people, and they will have no trouble in mentally transforming humus and dormant spray into delicate leaf and rainbow color!

But—the vocabulary of ADVENTURES IN FOODS is temptingly real—"crisp," "tender," "piping hot". . . . No reading between the lines here. It may be a satisfying cornerstone for a dinner or a way to make good food better (without gilding the lily). Our only suggestion—read lightheartedly, consider leisurely and let your appetite be your guide.

THE SKY'S THE LIMIT

Beware the craft pages. They may really lead you into the 12-hour day so feared by our friend. From where we stand we can see an exciting rebirth of crafts. More than just a revival of old arts and crafts, it is a discovery of new ones—new plastic materials and new methods. There are many reasons for this rising tide of crafts; renewed interest in the home is partly responsible. Making things with our hands is our emotional heritage, a tie of kinship with shadowy ancestors who carefully whittled the comforts of a pioneer life, who dyed rich wool to make rugs for cabin floors; and with still earlier craftsmen who carved scraps of bone or molded clay with skillful fingers.

In this 20th Century, craftsmanship is also a rebellion against the machine, and against the erasure of the individual. We know it as his declaration of independence in a world that is full of cogs and wheels, iron and steel.

EPILOGUE

But to borrow a little realism from our critical friend, we realize that all of these directions for reading aren't necessary. If you want to give your Christmas gifts a personal touch, or want to make a garden carry-all or bake a fruit cake in a cheese box, you'll discover "how to do it" in *Sunset*.

Walter L. Doty

SUNSET'S EDITOR

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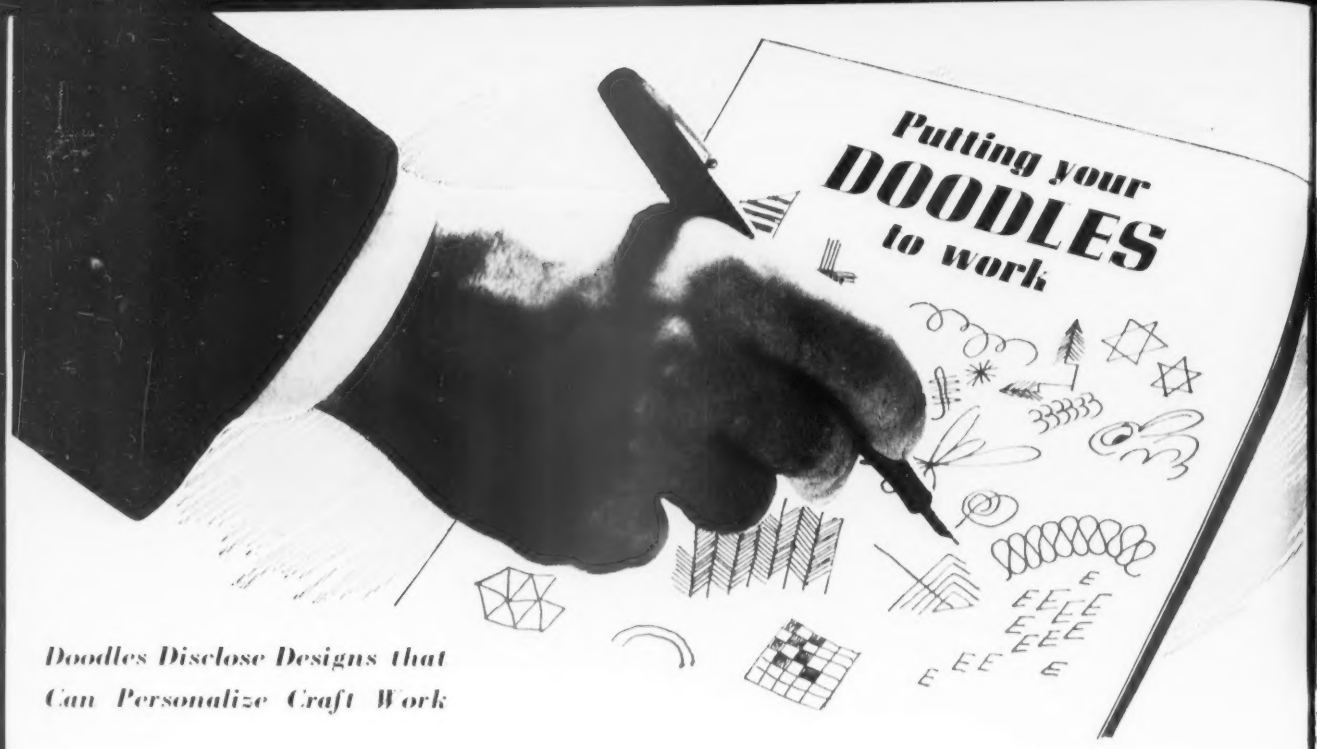
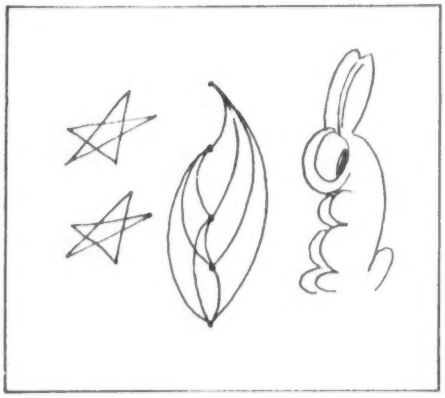


Doodles Disclose Designs that Can Personalize Craft Work



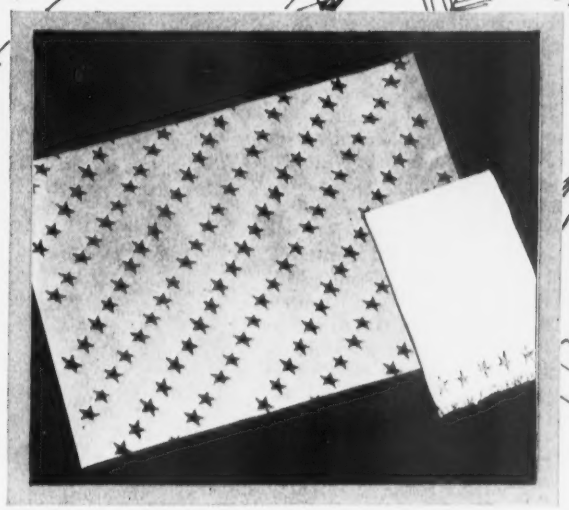
BREAK DOWN a doodle and what do you get? Nine times out of ten the basis for a design

DOODLES—those strange scribbles with which we unconsciously decorate scraps of paper, menus, edges of letters, telephone books, match covers—are one of the best answers to the age-old questions of the craftsman: How shall I decorate it? Where can I find a design? As the examples on this page show, even the most unpromising doodle can often be worked into an interesting decorative pattern. And—when you put your doodles to work—you'll know that your craft work is truly your own—original, attractive, satisfying. Sometimes the transformation from doodle to decoration may require the help of an artist. If this is your problem, you may send your doodle, with $1, and information on how you would like to use the finished decoration, to *Sunset's* Reader Service. A well-known Pacific Coast artist will transform it into a usable design which (in form of a sketch) we will send to you.

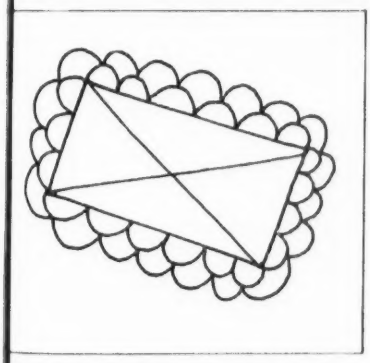
BORN OF a doodle-scribbler's pen, this graceful motif developed by an artist is adaptable to many uses: an all-over print, a border design, a monogram-like corner

AN EXAMPLE of how versatile a doodle design can be. By cutting design on a linoleum block, printing it with textile ink on linen or other suitable fabrics, it can be used to decorate articles such as this chartreuse apron and yellow towel, both of which are printed in brown

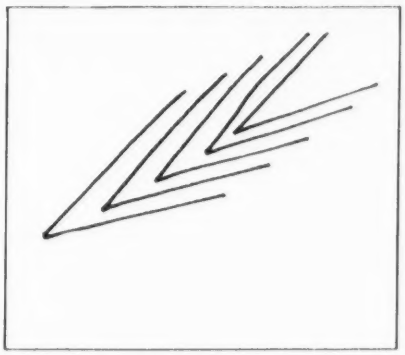
A APPROPRIATE design for nursery-age children is a oodler's bunny. Here a row of bunnies is block-printed a bib. Also printed as all-over design on kindergarten per and pasted on 10c scrapbook, raffia-tied, shellacked



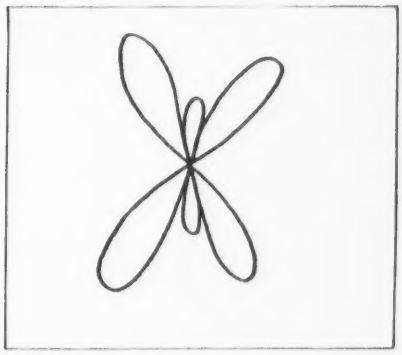
STAR doodle from opposite page hand-blocked in alternating rows of red and blue on a sheet of soft-textured paper—effective for covering a waste-basket or book cover (shellac it). Finger Towel shows doodle used as border



GGESTIVE OF a valentine is this orative doodle with its lovely scallops rrounding an envelope. The artist nsforms it into the design below



SHARP DIAGONALS are the basis for many excellent modern motifs. Doodler of this subconsciously expressed one with his arrow-like marks written on a blotter



CAN THIS doodle be a gardener's design? It suggests a flower, a butterfly or maybe a bee. Simple and adaptable for decoration whether used singly or in a pattern

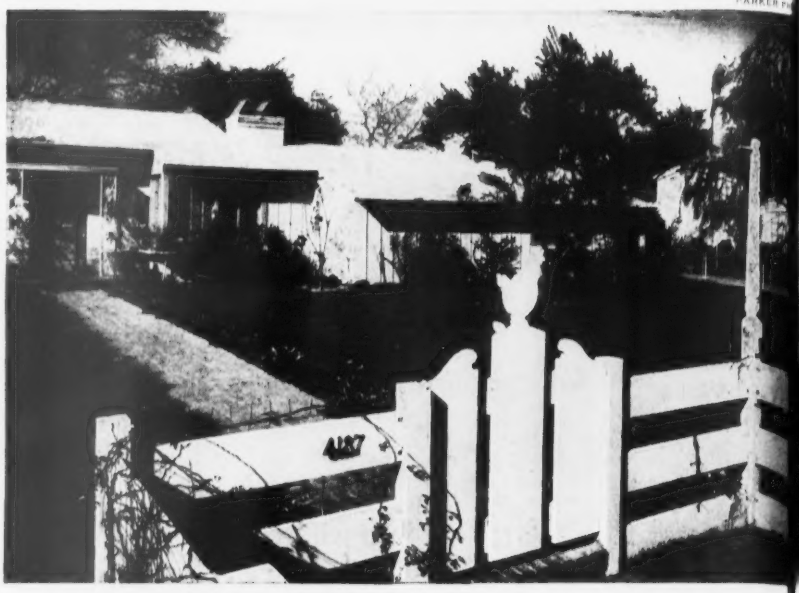
ATHER BOX decorated with motif spired from doodle shown above. Three itials, replacing the X, add a personal uch to the box. Tooling here is easy

OUTLINE CARVING on a wooden box, following the design suggested by doodle drawn above. The diagonals in geometric rows are smart and modern in feeling

STENCILED on cork coasters is the simple yet effective loop design. This stencil is easy to make and the results can be colorful and gay. Stencils in oil paint

THIMBLE FARM, the North Hollywood residence of Mr. and Mrs. Charles R. Fleishman, is built on a 3-acre site; named because it is just a "thimbleful of farm."

"My family and I always had the desire to live in a rural district and at the same time to be close enough to the city for easy commuting. We asked our architect, Allen Siple, for a ranch-type home, one story and rambling, with enough room so that each of our 3 children would have his own room as well as a master bedroom and 2 servants' rooms. These were the necessary demands, which of course had to be kept within the budget. We think that the result is a well constructed livable home without any of the unnecessary flourishes which raise cost."



MAX TAILIN PHOTO

MATERIALS for the Glendale, Calif., home of Mr. and Mrs. Douglas Hood were selected carefully; the result is a house that is simple and dignified in appearance. The use of a light trim on the well proportioned windows and shutters is a clever, though seldom used, way to achieve harmony with the darker toned shingles. A roof extension in the front ties together the garage and the entrance porch.

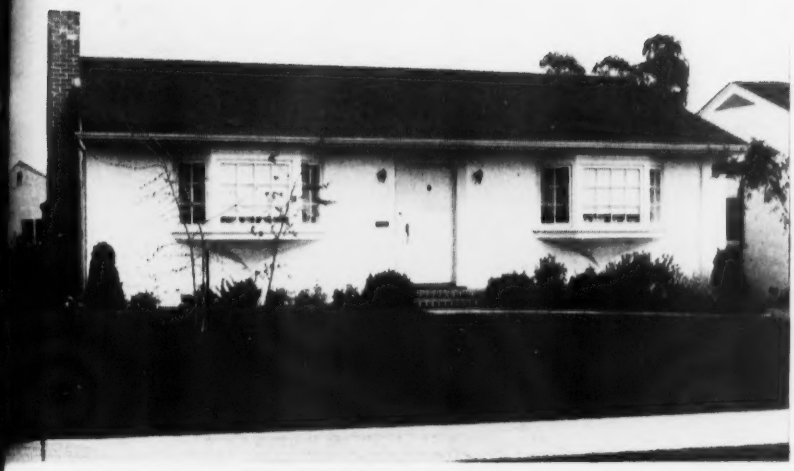
"Nearly every day cars stop to admire our house. One young bride and groom came ringing our doorbell, saying they had stopped in front several times but this time they just couldn't resist the 'won't you come in aura' it seemed to have. Our rooms are all spacious, enough so for our needs. We enjoy the den opening to the patio."

MILES BERNE PHOTO, COURTESY CALIFORNIA REDWOOD A

"JUST a good livable home for 2 or 3 people, with the best of materials and workmanship" was the simple requirement which Mr. and Mrs. William E. Mitchell, Long Beach, Calif., asked of Architect Raymond A. Sites. The result is a simple and pleasing home, built in the Early American tradition.

"Our problem," wrote Mrs. Mitchell, "was to find a plan for a house that would be convenient, compact, attractive and at the same time within our financial reach. Mr. Sites produced the answer to the problem—no long halls or wasted space. It is easy to heat, easy to clean. One of our requirements was for a porch at the rear that was practically part of the house. We have one, large enough to be useful as well as ornamental."

TATCH PHOTO



Twin bay windows, large enough to have importance in the total design, distinguish the home of Mr. and Mrs. S. Hierstrom in San Gabriel, Calif. Other points which have been carefully thought of in this well planned 5-room house are the roof overhang which shelters the front door, the low wide steps which lead to the entry, the direct contrast of the brick chimney.

"We were first attracted to the neighborhood itself by the many new and nice homes. The 140-foot lot allows us space for a good back yard, important since we both enjoy amateur gardening," wrote Mr. Hierstrom. "We have 2 dogs so a 20-foot space in the rear is fenced off for a cut flower garden. We purchased our house under FHA and find our payments are low."

A STORY IN DESIGN

Pictured on these three pages are eight houses. In a very general way they are similar. All are one-story; all are more or less rambling; all are well designed. *There* likeness ends. For each of the eight houses is an individual answer to an individual problem. They are good houses, not because they are designed in this or that architectural tradition but because they fit the people who live in them. We have asked the owners to tell the story behind each picture. Some had children to consider; some had pets; some wanted lots of space for outdoor living, for gardens or secluded patios. All have found satisfying answers. In their experiences, we think that there are many clues to successful homebuilding.

ISBERG PHOTO, COURTESY CALIFORNIA REDWOOD ASSN.

An interesting balance is obtained when two small wings jut out from the larger center section, as in the house of C. D. Brenner, Burbank, Calif.

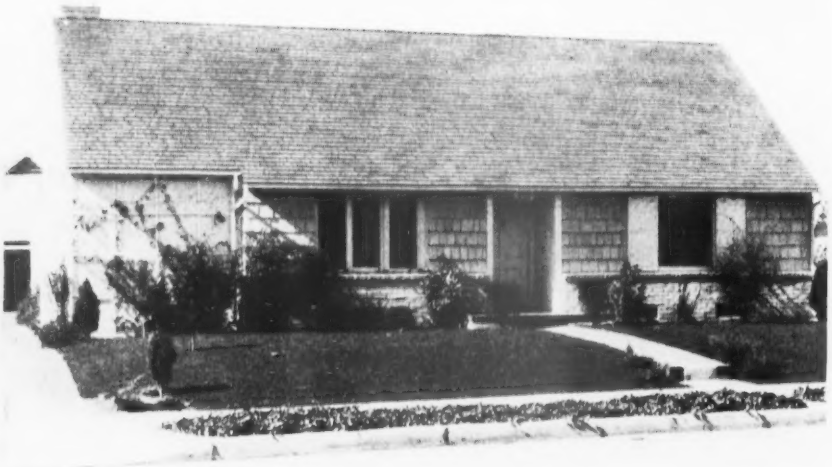
"Our architect, P. F. Hartman, was given several problems: First see that we received our money's worth and that all materials and items which went into the construction of the house were of first quality and workmanship. Second, we wanted no waste space such as useless hallways. Third, guest quarters were to be as far away from the owner's suite as possible, thus assuring guests of the privacy we feel they deserve. Fourth, we had purchased a site 113′ by 150′ on which to place a house approximately 1800 square feet which must not look too small for the ground. We like the result."

MILES BERGE PHOTO, COURTESY CALIFORNIA REDWOOD A

BUILT on a hilltop in Flintridge, Calif., the home of Steele Morris has a mountain view in all directions.

"In taking our problems to our architect, Curtis Chambers, we had very definite ideas as to what we wanted—and a *very* limited budget," writes Mr. Morris. "Here's what we asked for, and got: Cape Cod colonial architecture; a long living room 15' by 23' with windows on both 23 foot sides to give spaciousness; master's bedroom with windows on 3 sides; 2 small children's bedrooms with good ventilation; dinette, kitchen, bath; large closets; plenty of large windows for light, air and View; badminton court in the driveway; garage separate from the house; allowance for future additions if they are desired."

MAX TATCH PHOTO



DECORATED in tones of gray, with split shake, brick and stucco walls, the cottage type home of Mrs. Bernice B. Brown in San Gabriel, Calif., owes its charm to the skillful use of materials.

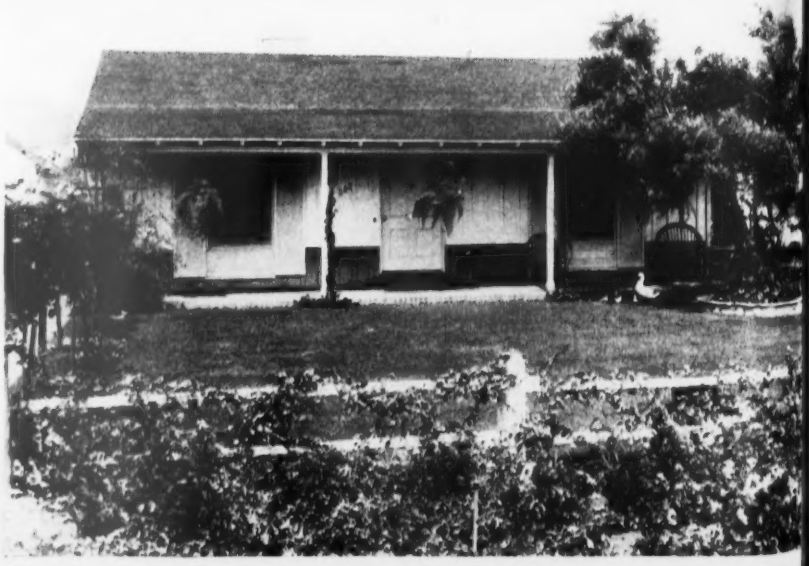
"In my Cape Cod house, the whole idea was to build around a patio. Jack De Long, the architect, planned it so that living room, dining room, kitchen, breakfast nook and service room look out on the patio. Because of a stucco wall extending from the far side of the living room, the patio is practically enclosed and absolutely private. I had always wanted a Cape Cod exterior, both for its pleasing appearance and because it is not dated as many other styles are likely to be. There are 2 bedrooms and 2 baths in a wing extending back on right side of house."

MAX TATCH PHO

BLUE shutters and a deeper blue band across the front of the home of Mr. and Mrs. Carlton Jones, Brentwood, Calif., provide a pleasing accent and contrast.

"Our California ranch house," wrote Mr. Jones, "was designed for a front slope lot. We have taken advantage of the natural contour by building different room levels. The result is an informal atmosphere in which to relax."

There are 6 rooms in this Southern California home. Special attention has been given to the garden areas. In the front, an olive tree in a flower-filled, stone tree wall dominates one side of the yard and shades a portion of the house. The yard is enclosed by an old-fashioned corral type fence, covered with ivy which repeats the low lines of the covered ranch-style porch."



Bring 'em back alive

—but don't put them in your house

PHOTOS BY MOTT STUDIO

QUIET COMFORT of the Frank Buck house is a far cry from the jungle's flamboyancy

FRIENDLY and restful, the entrance porch is large enough for a grouping of chairs

IF WE WERE to ask you what Frank Buck's house looks like, you probably would vision bamboo, glass cases of guns, and stuffed lions' heads. Well, just look at the quiet, friendly rambling house pictured here, which is the home of "Bring 'Em Back Alive" Buck (Encino, Calif.). A charming, casual house it is, for informal relaxful living, unsuggestive of high-tension jungle hunting.

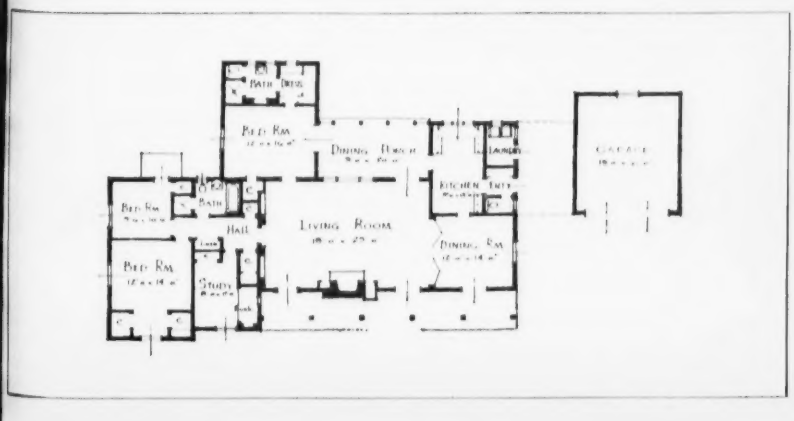
The simple ranch-house entrance, opening directly on a curved driveway, is a shed-roofed brick terrace, the floor of which is just the right height for alighting onto from an automobile. Around the bend of the drive is the service entrance, where groceries can be unloaded before continuing on to the garage. Return to the house is made by way of a covered passage.

An open rambling plan, appropriately, was used for the room arrangement. Latticed folding doors between living and dining rooms help to create a free spacious feeling as well as allowing the two rooms to become one.

Restful simplicity keynotes the living room. The red tile floor, rubbed with wax and antiqued, is a warm dark base for the light walls and ceiling.

In the garden, a white brick wall (see photo below) shuts off the kitchen window from too much proximity to the terrace, yet leaves the kitchen the pleasant view of the lawn.

Architects for the Buck house were Spencer and Landon.

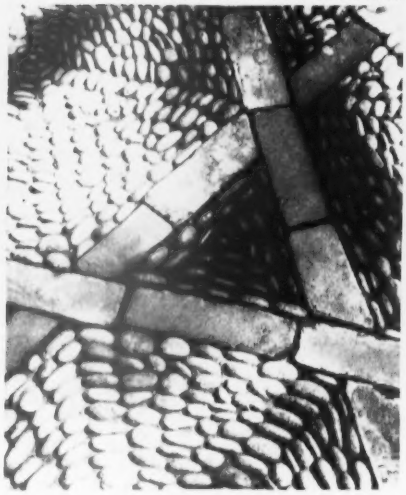


REAR GARDEN is private, simple and inviting. The dining room opens directly to it

LANDSCAPE ARCHITECT THOMAS CHURCH

REDWOOD BLOCKS laid in sand harmonize with this natural setting of rocks and plants

LANDSCAPE ARCHITECT LESLIE KILER



PEBBLES reflect the triangular pattern in which the bricks are laid on this garden terrace

LANDSCAPE DESIGNER FLOYD COWAN, GEORGE SANDY HO

WIDE EXPANSE of brick laid in su leads to a pool with a sunburst backgrou

LANDSCAPE ARCHITECT LESLIE KILER

BRILLIANCE may be achieved with smooth hard pebbles beach-washed stones are the best

PAVING PATTERNS

Paving is just as much a part of the garden landscape as flowers and shrubs. It can be a God-send to the week-end gardener as it lessens upkeep without detracting from the garden's appearance. Some of the best paving designs have been made by accident. Unusual effects in texture and color combinations can be obtained with odds and ends of material. The pebble paving shown here is by Landscape Architect Leslic Kiler, Palo Alto, Calif.

LANDSCAPE ARCHITECT THOMAS CHURCH

FOR UTILITY YARDS redwood paving is recommendable. Here used with redwood fence

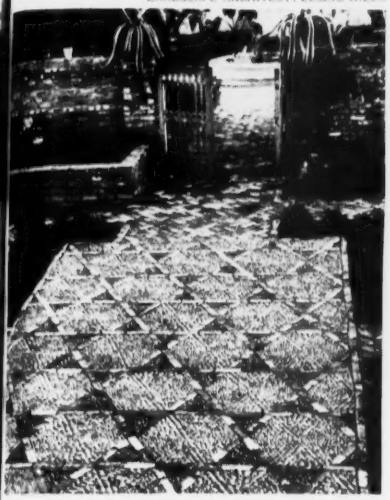
HOWARD HOFFMAN PHOTO

RAILROAD TIES (6" sections) embedded in sand blend well with the redwood-stake fence

LANDSCAPE ARCHITECT LESLIE KIL

MEDITERRANEAN-type gradens or patio are perfect settings for fancy pebble paving

LANDSCAPE ARCHITECT: LESLIE KILER



DARK & LIGHT shading has been accomplished in this pattern of brick and pebbles

LANDSCAPE DESIGNER: FLOYD COWAN, AVERY HOWE HOME

CHAMOMILE CREEPS between the Sonoma stones, adding varied texture and color effects

LANDSCAPE ARCHITECT: THOMAS CHURCH

DECK paved with redwood blocks is comfortable underfoot and pleasing in appearance

LANDSCAPE DESIGNER: FLOYD COWAN

COBBLESTONES, pebbles, quarry tile and brick in artful combination at base of a well

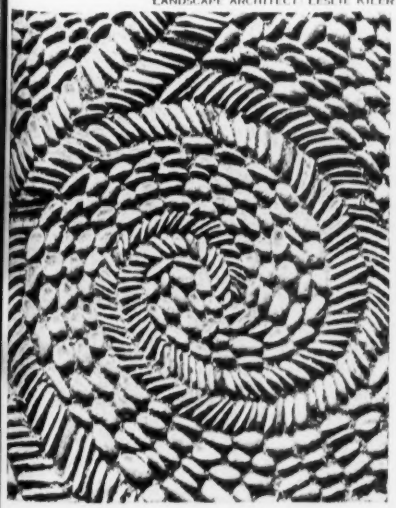
LANDSCAPE DESIGNER: FLOYD COWAN

FLAGSTONE is picturesque with tiny colorful rock plants growing from between the cracks

LANDSCAPE DESIGNER: FLOYD COWAN

FAIENCE TILES are a decorative riser against background of quarry tile (two sizes)

LANDSCAPE ARCHITECT: LESLIE KILER



HERRINGBONE TWIRLS in an original design from the Alhambra Palace in Spain

LANDSCAPE ARCHITECT: LESLIE KILER

INTEREST in shapes and pattern have been created in the paving of this fountain-court

LANDSCAPE ARCHITECT: LESLIE KILER

PERFECTLY LAID and tamped smooth, pebbles are an ideal material for many pavings

SPACE FOR LIVING

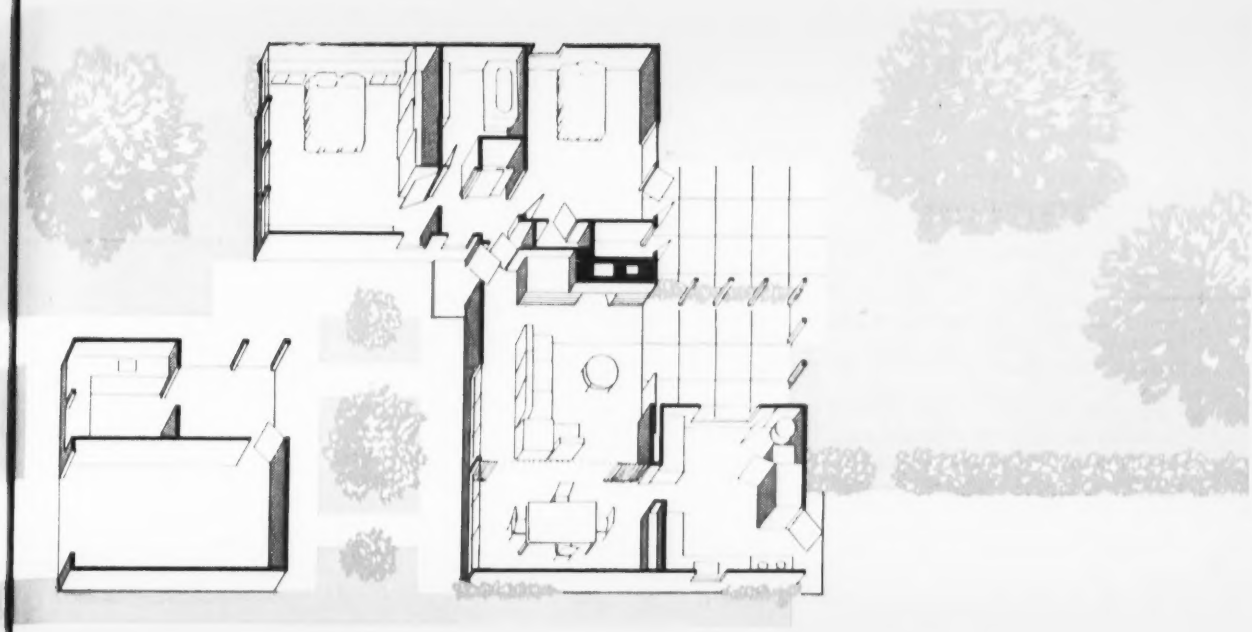
A Solution to the Problem of Space for Living on a 50-foot City Lot, by Whitney R. Smith, Architect

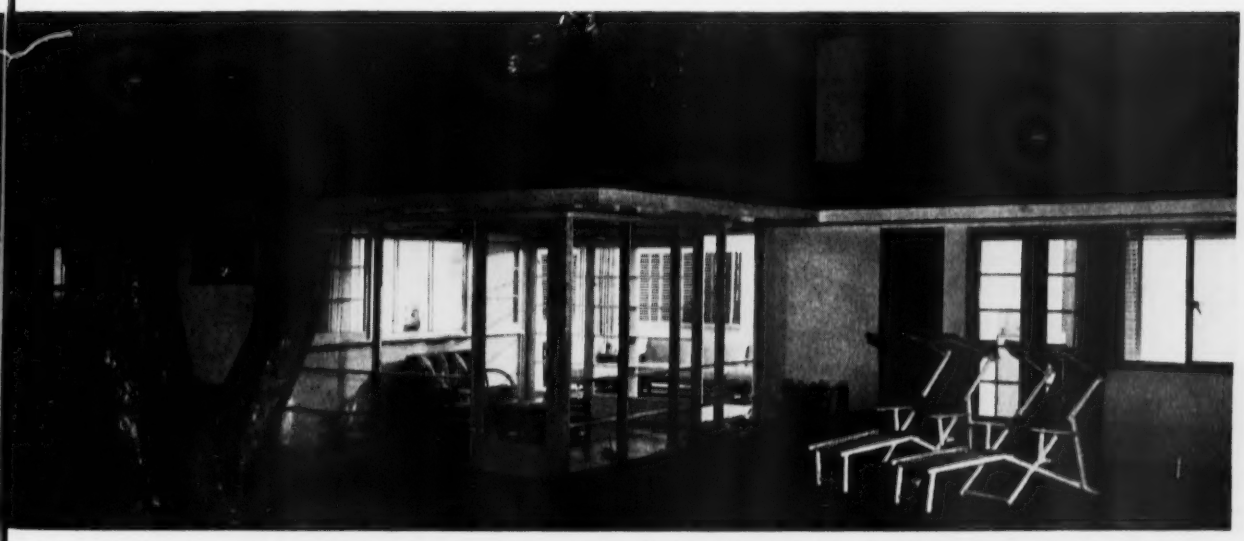
GARRETT PHOTOS

OLD OLIVE TREES *surround the spacious small home of Dr. George A. Coates, Altadena, Calif. Garage and flower room at right have screen louvres for ventilation; flower room can be converted into second garage. Work-free groundcover of wild strawberries simplifies garden upkeep*

SPACE FOR LIVING *and for dining is combined. The relation of indoor and outdoor areas is excellent; sliding doors separate living room and porch*

FIREPLACE *is interesting in both materials and design. Gray corrugated transite (cement and asbestos—by Johns Manville) is used for facing*





HE RELATIONSHIP *between house and garden is as satisfactory and usable in evening as it is by day. On screen porch adjoining living room, n are chair height for safety. Bedroom-nursery at right opens on brick play area. Living room is in center of the picture, kitchen to the left*

VING AND DINING AREAS *may be separated by ceiling height traverse curtains. The simple rniture was designed by architect (except for dining chairs); units may be arranged in many ways*

Problem: To insure privacy and maximum outdoor space on narrow lot (all major windows are at front and rear); to save existing olive trees (see plan).

Construction: Exterior walls, white stucco and redwood; interior walls, plaster. Floor, concrete. Eaves offer protection from sun and rain. Bedroom furniture built-in. Heating unit in a small closet, reached by outside entry. Oversized closet in kitchen holds Bendix and laundry tub. Windows slide back for buffet service to screen porch or garden.

GUIDE for the CENTRAL CALIFORNIA Gardener

BETWEEN LINES

Probably the amateur's greatest difficulty in reading and studying about gardens is not being able to hear the emphasis and accent that a specialist would give to small details in conversation. Too often these unimportant sounding points, perhaps covered in just a few words of text, are the very ones which make the difference between success and failure in a garden.

They cannot be repeated too often for it is sometimes the experienced gardener who ignores them. As you read the garden suggestions on this page, note the directions in italics. They are all discussed below. In conversation, a specialist might stop and pound a table to show their importance.

Water bulbs until the rain starts means not only to water frequently but well. The ground should be thoroughly wet to a depth of 8 inches. What is more, the rains may not stop the watering job, for early showers are often far too light to insure deep dampness.

Plant in a well drained place is one direction you can make sure you are following. For lily bulbs, planting on a cushion of sand at least one inch deep and pouring another inch of sand over the sides and tops of the bulbs is recommended (loam is used to fill the remaining space). The sand cushion alone, so useful in adobe soils, might also be tried with other bulbs and with perennials and biennials that don't like wet feet.

Plant in fall (or early spring), taken literally, may produce limping mediocre flowers. Such hardy annuals as larkspurs, godetias, clarkias, scarlet flax, African daisies, annual chrysanthemums and Shirley poppies should be broadcast *now* in order to make proper root growth. Spring planting is only a second choice for them. Find out which of several possible seasons is best for the flowers which interest you. Directions on seed packets, often written for Eastern conditions, may be wrong. Check with local experts for best advice.

Don't plant this shrub too deep should be taken seriously. Don't smother your plants with earth, no matter how rich it may be. Plant carefully, in well prepared holes, and firm the soil around the plant stem but remember that a plant needs light and sun and air quite as much as proper soil. Many seeds never see the light of day because they are planted too deep; plants may die from similar suffocation.

LILY ON THE COVER

Among the many things named for Baron Alexander von Humboldt, early California naturalist and explorer, are Humboldt County, Humboldt Bay, Humboldt currant and the Humboldt lily, shown on this month's cover. The lily was discovered in the Sierra by Botanist Benito Roezl in 1869, just 100 years after Humboldt's birth. To commemorate the centenary, Roezl honored the lily with Humboldt's name. The particular wild blooms photographed for the cover by Robert Clark were found in the mountains adjacent to Murietta stream in the Santa Barbara forest area.

The lily grows 6 to 8 feet high, blooms about July with up to 15 flowers. (Carl Purdy, Ukiah, Calif.'s native plant expert, once saw one 14 feet high with 150 blooms.) Bulbs, available for about 75 cents each, should be planted now, 6 or 8 inches deep, in full sun or partial shade. They may not flower the first year after planting, but thereafter they will do well.

FLOWER-OF-THE-MONTH

Winner of the *Flower of the Month* title for November is a new hybrid African daisy called Glistening White (botanically, *Dimorphotheca hybrida*). Its glossy white flowers are very large (3½ to 4 inches across) with shiny black centers. The petals glisten so much that they appear to be enameled.

Here are our reasons for giving laurels to this African daisy:

It starts blooming in 60 days.

Starts easily from broadcasted seed and germinates in 10 to 20 days.

It is a low growing annual only 6-8" high, suitable for bedding as well as borders.

The blooming season is long—late spring and early summer.

Seeds sell for 25 cents per package at the larger garden stores.

SPATTER-FREE 'MUMS

If you are trying to save some late chrysanthemums for Thanksgiving, give them a temporary cover. Inexpensive waxed muslin or transparent cellulose acetate* is ideal for the purpose and will protect the blooms from heavy rains and cold winds (more damage is done by pelting rains than by cold). The material can be tacked to stakes driven into the ground around the beds.

WHAT TO PLANT

Bulbs: Hurry to get daffodils into the ground. . . . Because tulips and hyacinths are at a premium this year, try more of the exotic bulbs from the Transvaal. They like California's climate. . . . Freesias, watsonias, yellow callas, antholyzas, Lily of the Nile, ixias, tritonias or flame freesias, sparaxis, babianas or baboon flowers, and

**Both are sold at most seed stores and the big mail order houses in 3-foot wide lengths. Waxed muslin is about 6½ cents per running foot; cellulose acetate about 7½ cents per running foot.*

baby gladiolus are some of the best South African bets. Other ready to plant bulbs include lilies, anemones, ranunculi, scillas, bulbous irises, Glory of the Sun or leucocoryne, and Peruvian lilies or alstroemerias.

Bulb bed covers: Bulbs often are more effective if the beds have a ground cover. Colorful and inexpensive covers are baby blue eyes, Virginia stocks, alyssum and Swan river daisies. Broadcast the seeds after the bulb tops poke through the ground.

Perennials: If perennials are transplanted or new plants planted now, they will get established soon particularly if they are kinds that bloom during the first 6 months of the year.

Shrubs, trees: Now is a good time to move and plant evergreen shrubs. Prepare planting sites for deciduous trees now; transplant after all the leaves have fallen.

Sweet Peas: Go to the extra trouble of preparing a deep trench and fertilizing it for *real* sweet peas next spring and summer. (For all the cultural secrets, get a copy of *How to Grow Sweet Peas* from *Sunset's* Book Department; 25 cents.) Some of the good new varieties are Spring flowering Rose Pink, Spring flowering Blue, Spring flowering Lavender, Daphne (salmon pink), Burpee's Orange Improved, Mariner (blue), Mrs. Herbert Hoover (blue) and Red Supreme.

Roses: Fall planted rose bushes do better than those set out in spring. They make good root growth during the winter months and produce earlier spring flowers. The first and best bushes are on the market now. Be sure to cut back the tops before planting. Broken roots should also be trimmed.

DAHLIA AFTERCARE

Experts agree that it is safe to let dahlias overwinter in the ground *only* if the soil is light and drains perfectly. Otherwise winter rains may rot the clumps. If it is necessary to dig now, lift the clumps and let them dry out a couple of days in the open air. Then store in a cool (40°-50°) cellar or room.

In checking with a number of experts some differences in treatment were detected:

Col. Richard Eddy, Atherton: Digs clumps about January 1, washes the soil off the clumps, and lets them dry for 24 hours. Then he stores the clumps, upside down to drain off any juices or water, in lug boxes of dry peat moss packed tightly. If the peat is tamped, the air is kept away from the tubers and they rarely shrivel. He examines the clumps about once a month to make sure no disease or rot has started. Infected parts are cut off and the wounds dusted with sulphur. Where the weather is cold, dig now and store in boxes.

PEST CONTROL

Vegetable root maggots: Three of the worst vegetable pests carrot, onion and cauliflower root maggots should be destroyed now. Maggots that ruined crops this past summer are now in the ground near the surface in the inactive pupae stage. Dig naphthalene flakes into the soil so the gases will kill them. Spade the ground and leave it rough over the winter. Frosts will kill any that escape the naphthalene fumes.

Spraying: As soon as leaves have dropped from deciduous trees, dormant oil sprays should be used. Because they are much more powerful than other sprays, oil sprays may be used only when cold weather has stopped active growth in the garden. They clean up the eggs of scale diseases, thus preventing 1941 damage. They are the best control for brown rot, shot hole fungus, and curly leaf on peaches and apricots (both flowering and fruiting kinds). For these diseases add a liquid copper fungicide to the oil spray, following the directions of the manufacturer. Spray now with the mixture and again in February just before buds burst. Spray pears with lime sulphur to control blister mite. Quiet windless days are best for all spraying.

Moss on trees: Lichens and moss on old and neglected trees should be cleaned off. Spray with caustic soda (about one pound to 10 gallons of water). Be careful to keep this solution away from your hands and face. After 2 or 3 weeks spray the tree with an oil emulsion.

Madonna lilies: Spray with bordeaux mixture to prevent botrytis. Be sure to hit the undersides of the leaves as well as the tops.

SPECIAL ATTENTION

Bulbs: Keep watering the bulb beds until the rains start.

Geraniums: In the foothills and other sections where geraniums may be frosted, mound up some soil about the lower 8 inches of the plants. Remove in spring when frost is over.

Lilacs and clematis: In spite of the fact that most California soils are alkaline, lilacs and clematis benefit at this time from annual top dressings of lime. Spread it around the base of the plants and work it lightly into the soil. If you notice any suckers at the base of the lilacs, remove them now.

Fertilizing: The wisest fertilizer program is to combine the use of organic and chemical materials. Now is the proper time to mulch trees, shrubs, and hedges with heavy applications of manure, leaf mold, bean straw, or similar material. The winter rains will carry food elements into the soil. In the spring, just as new growth begins, fertilize with a complete plant food.

Lawns: It is too late to plant grass now for a new lawn but it is still safe to scatter seed over an old lawn to thicken it. Now is the time to *top dress* an old lawn. For proceedings see *Sunset*, October 1940, page 52.

Sub tropicals: Protect from frost bananas, hibiscus, citrus, bougainvillias, bird of paradise and other tender sub tropicals, with covering of canvas or burlap. Several thicknesses may be necessary in the interior valleys where the weather is colder. If bundled up *before* the frosts come, most tender plants will go through the winter unharmed. Protect until spring.

Division of perennials: Most perennials can be divided safely now. Exceptions are gerberas, delphiniums and pyrethrum, which might rot during the rainy months.

Azaleas, camellias, rhododendrons: Renew the mulch around these acid lovers. A 3 inch layer of peat moss is best; rotted oak leaves or pine needles also are good.

SHADE PERENNIALS

Violet Rosina is a unique hardy pink violet with delicate fragrance and long stems for cutting. The rose pink flowers are abundant in both spring and fall. About 25 cents each.

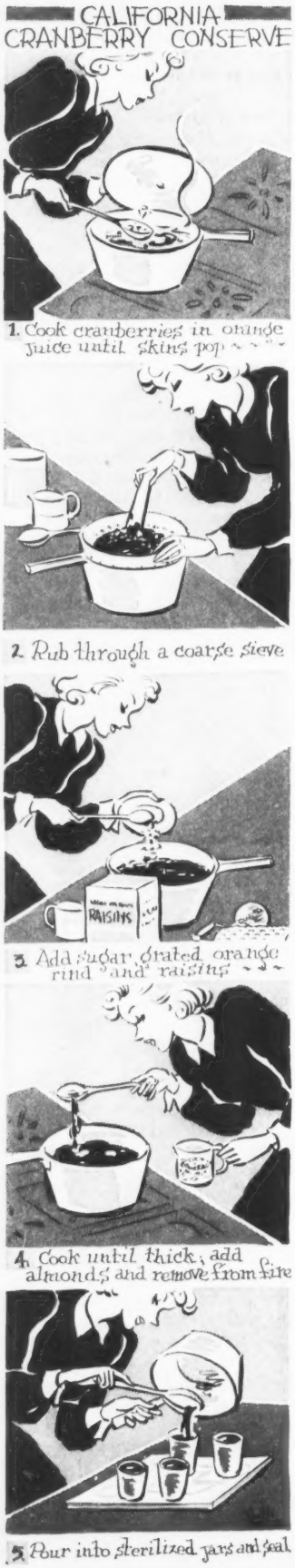
Primula Kleynii is a new hybrid of the old-fashioned hardy garden primroses. This one has tall 10- to 12 inch stems carrying huge heads of 15 to 20 golden yellow flowers, shading to apricot in the center; spring blooming. About 50 cents each.

Bleeding heart is the old favorite border plant with heart shaped rose crimson flowers in April and May. When not blooming, bleeding heart's fern like foliage is attractive alone. About 35 cents each.

Forget me not anchusa (Anchusa myosotidiflora) forms a 15 inch mound of attractive foliage almost hidden by pale blue forget me not blooms in April and May. About 25 cents each.

Japanese anemone September Charm is an early flowering Hupehensis hybrid with delicate silvery pink flowers from early September until frost. About 2 feet high. 35 cents each.

All 5 of these plants can be planted now to enrich the color in your 1941 garden.



SUNSET'S KITCHEN CABINET.*

★ *Thanksgiving Dinner* ★

Melon Balls with Lime Ice

Mushroom Broth with Paprika Cream
Toasted Crackers
Celery Hearts **Ripe and Green Olives**

Roast Turkey
with
★Minced Clam Stuffing
Artichoke Hearts with Lemon Butter
Glazed Sweet Potatoes
Sesame Seed Rolls **★California Cranberry Conserve**

★Thanksgiving Fruit Pudding
Nuts **Coffee** **Raisins**

CALIFORNIA CRANBERRY CONSERVE

(make a few extra jars of this for Christmas gifts)

2 cups cranberries
1 cup orange juice
1½ cups sugar
½ cup seedless raisins
1 teaspoon grated orange rind
½ cup chopped almonds

Cook cranberries in orange juice until skins pop (about 5 minutes). Rub through a coarse sieve. Add sugar, raisins and orange rind, and cook until thick (about 15 minutes). Remove from fire and add chopped almonds. Pour into sterilized jars and seal. This makes about 4 cups of conserve. *Mrs. L. S.*, San Diego, Calif.

MINCED CLAM TURKEY STUFFING. *Toss the following ingredients together until thoroughly mixed: 5 cups day-old bread crumbs; 2 cups cracker crumbs; 2 7-oz. cans minced sea clams, drained; ½ cup liquor from clams; 1 cup (½ pound) butter or margarine, melted; 2 teaspoons salt; ½ teaspoon pepper; ¼ teaspoon mace. Stuff loosely into the bird, allowing for a little expansion during roasting. This amount is sufficient for a 12- to 15-pound turkey. Minced clam stuffing is also delicious in roast chicken, baked stuffed fish and in green peppers. Miss O. A., Piedmont, Calif.*

THANKSGIVING FRUIT PUDDING

(keeps well in the refrigerator if there's any left!)

2 cups cooked prunes
1 cup seedless raisins
½ cup ground preserved orange peel
½ cup ground preserved citron
½ cup chopped nut meats
1 teaspoon cinnamon
½ teaspoon cardamon
½ teaspoon cloves
½ teaspoon allspice
¼ teaspoon salt
¾ cup granulated sugar
¼ cup honey
½ cup liquid from prunes
2 tablespoons plus 1 teaspoon plain unflavored gelatin
½ cup cold water
3 tablespoons rum
1¾ cups whipping cream

Pit and slice prunes. Rinse, drain and slice raisins. Combine prunes, raisins, orange peel, citron, nuts, spices, salt, sugar, honey and liquid from prunes, and heat to boiling. Moisten gelatin in water; add to hot mixture and stir to dissolve. Add rum and stir to blend. Chill until partially congealed but not firm. Whip cream and fold into the fruit mixture. Pour into a 1½-quart melon mold (or use plain mold). Chill overnight, as several hours are required to obtain desired firmness. Serves 16 to 18. *Mrs. R. O. D.*, Pasadena, Calif.

*Trademark Registered, U. S. Patent Office

COURTESY COLUMBIA PICTURES CORP.
See the Bumstead family's latest comedy hit, "Blondie Has Servant Trouble," starring Penny Singleton, Arthur Lake and Larry Simms, above, as Blondie, Dagwood and Baby Dumpling. Produced by Columbia.

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TURKEY FRENCH TOAST SANDWICHES

1. Mix mushroom soup with finely chopped turkey

2. Spread between slices of bread

3. Dip sandwiches in combined egg and milk

4. Saute in butter until well browned on both sides

5. Serve hot with turkey gravy and cranberry jelly

SUNSET'S KITCHEN CABINET.*

TURKEY FRENCH-TOAST SANDWICHES

(the ideal dish for a post holiday supper)

This is a fine way to use up leftover turkey, but veal, chicken or any mild flavored meat may be used instead.

- 2 cups leftover turkey, ground
- 1 can condensed mushroom soup
- 12 slices white bread
- 3 eggs, well beaten
- ½ cup milk
- Salt and pepper

Mix turkey with soup. Spread between slices of bread and dip sandwiches in combined egg and milk, seasoned to taste. Saute in butter until well browned on each side. Makes six servings. *E. C.*, Salem, Ore.

HOLIDAY SUPPER
★Turkey French-Toast Sandwiches
Fresh Vegetable Salad Bowl
Pumpkin Chiffon Pie
Cheese Coffee

MEAT SHORTCAKE WAFFLES: *Put leftover cooked meat through the meat grinder. Add tomato sauce to moisten, and season to taste. Roll biscuit dough to ¼ inch thickness and cut 2 rounds slightly smaller than waffle iron grids. Spread one round with meat mixture, cover with second round, and bake in waffle iron. Serve with more tomato sauce. Mrs. P. H., Menlo Park, Calif.*

WILD RICE-SPINACH LOAF

(serve as an entree or as an accompaniment to meat)

- 2 tablespoons onion, chopped
- 2 tablespoons oil
- 2 tablespoons beef stock
- ½ cup canned tomatoes, strained
- ½ cup table cream
- 2 cups cooked wild rice
- 2 cups spinach, cooked and pureed
- 3 eggs, well beaten
- Salt to taste

Cook the onion in the oil until lightly browned. Add the other ingredients and mix well. Bake in a well buttered loaf pan in a moderate oven (350°) for about 45 minutes. Turn from pan onto a hot platter and slice to serve. Leftovers can be served cold with salad dressing. *Mrs. W. E. B.*, Corona, Calif.

LUNCHEON FOR A COOL DAY
★Wild Rice-Spinach Loaf with Rarebit Sauce
Popovers Crisp Celery Hearts
Dream Bars
Tea

PEASANT POTATOES. Peel and slice medium sized potatoes (number determined by number to be served). For each potato, peel and slice one medium sized onion. Put both into a pot with just enough salted water to barely cover. Boil until potatoes are done and water has boiled away. (This necessitates careful watching to prevent burning.) Then add about 1 tablespoon butter for each potato and enough cream to give the whole a nice consistency; add finely minced parsley. Beat together. Mrs. L. E. S., Orange, Calif.

NUTMEG TEA CAKES

(delicious with egg nog or hot spiced cider)

These cakes are light, easy to make and inexpensive. They will keep moist for days in the cake box.

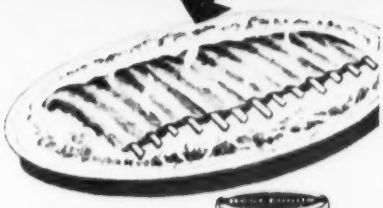
- 1 egg
- ¾ cup sugar
- 1 cup sour cream
- ½ teaspoon vanilla
- ½ teaspoon baking soda
- ⅛ teaspoon salt
- ½ teaspoon nutmeg
- 1½ cups sifted all-purpose flour

Beat egg and sugar together until fluffy. Add sour cream and vanilla, then stir in dry ingredients which have been sifted together. Bake in greased muffin tins in a moderately hot oven (375°) for about 20 minutes. This makes 12 tea cakes. Or bake in a square pan (8x8x2") in a moderate oven (350°) about 35 minutes. *Mrs. A. S. P.*, San Francisco.

*Trademark Registered, U. S. Patent Office

BEST FOODS
MUSTARD
WITH
HORSERADISH

Puts more "wow" in the flavor of SPARERIBS!



In fact, serve Best Foods Mustard-with-Horseradish wherever you formerly used ordinary mustard. See how exciting it tastes! Inexpensive, too! Why not try it for a change? All good foodstores now have this thrilling new kind of mustard.

Makes Dozens of Cleaning Tasks EASIER

Now, when you're housecleaning for Fall and Winter, is when you need The CHORE GIRL most. Pots, pans, broilers and greasy plates get cleaned so *quickly* and with a minimum of hard scrubbing when you use The CHORE GIRL. And try The CHORE GIRL too for cleaning milk pans, churns and separators — for peeling potatoes and carrots — and for *dry cleaning* eggs. The CHORE GIRL ball shaped pot cleaner, knitted from a continuous ribbon of pure copper, will not rust, shred, splinter, or stick in the fingers. She's easy on water-softened hands. Examine the Tag — Be sure to get the genuine CHORE GIRL.

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Orange, N. J.

Only 10¢ Everywhere

THE HELPFUL CHORE GIRL INSTANTLY CLEANS

GOOD IDEAS

Sunset Readers Offer Their Suggestions for Holiday Housekeeping

MENDING BOWLS

I dislike discarding a favorite vase or bowl when it develops a crack. Its beauty and usefulness can be retained for a long time if you will cover the crack on the inside with a thick coating of parawax or paraffine. *Mrs. J. B. T.*, San Jose, Calif.

WATER-GLASS PLACE CARDS

For a holiday dinner party, instead of using the stereotyped sort of place cards, surprise your guests by painting their names with enamel on the sides of the water glasses. The enamel does not harm

the finest glass, is easily removed with acetone, banana oil or turpentine. You will be astonished how this simple novelty will "lift" your party. *Mrs. E. C.*, Spokane.

UPRIGHT CANDLES

Candles are used such a great deal during the fall holidays that it is a good thing to know that plasticine or modeling clay from the dime store will hold candles that are too small for their holders firm. This clay can be used also for holding frogs firmly to the flower bowls. *Mrs. J. H. B.*, Santa Ana, Calif.

STEADY CHOPPER

To hold the food chopper securely on my porcelain kitchen table, I fold a piece of inner tubing from an old tire

over the edge of the table. It will prevent the clamps from marring the table surface as well as keep the chopper in its place. *Mrs. F. R. G.*, Seattle.

POURING GELATINE

Next time you make a gelatine salad or dessert, mix it in a pitcher so that it may be poured into the molds. *Mrs. J. M.*, Los Angeles.

"Relief from mild hyperacid indigestion caused by over-indulgence can usually be obtained by taking a half teaspoon of our Baking Soda in a half glass of water."

"Our brands, Arm & Hammer, or Cow Brand, Baking Soda, are pure Bicarbonate of Soda, classified as U.S.P. Remedies by the American Medical Association Council."

"Arm & Hammer, or Cow Brand, can be used whenever Bicarbonate of Soda treatment is required, so keep a package in your medicine cabinet for use in emergency."

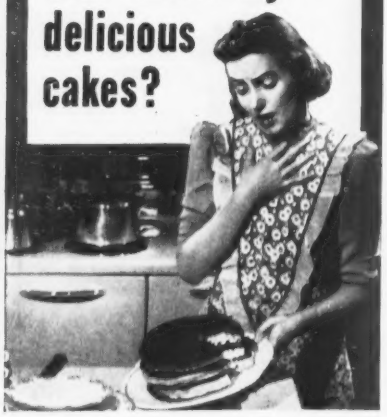
ARM & HAMMER or COW BRAND
BICARBONATE OF SODA
BAKING SODA

CHURCH & DWIGHT CO., Inc.
10 Cedar Street, New York
Please send me Free Book, describing uses of Baking Soda, also a set of Colored Bird Cards.

Name _____ X-42
Street _____
City _____ State _____

(Please print name and address)

Why did I brag to Jim about my delicious cakes?



NO WONDER Dot felt foolish! The night Jim came to supper her cake was a failure!

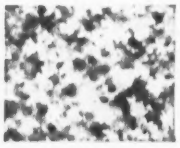
What happened? Dot didn't realize how important baking powder is to consistently good cake results. That many experienced cooks rely on Royal for fine cakes *every time*.

You see, Royal, made with Cream of Tartar, has a *special* "steady action" that is different from most baking powders. Royal begins its work the *moment* it is stirred in the batter. Thus the expansion of the batter is *continuous* and *even*. That is why Royal cakes are fine-grained...light...fluffy. Why they keep their delicious moistness and flavor longer.

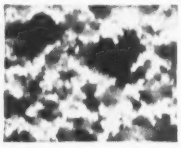
Many ordinary baking powders seem to have an *explosive, uneven action*. A greater part of the expansion is delayed until the cake is in the oven. Rising is often over-rapid. It may blow the batter full of large holes. Then the cake will be coarse...dry...crumbly.

See these actual photographs of cake, magnified, and the difference in results:

STEADY BAKING POWDER ACTION



UNEVEN BAKING POWDER ACTION



The greater assurance that Royal gives costs only about 1¢ per baking. The rest of your ingredients cost 30 to 40 times that much. Pure Cream of Tartar makes Royal cost more per can—but the difference *per baking* between Royal and ordinary baking powders is only a *fraction of a cent!*

Remember, Royal is the *only* nationally distributed baking powder made with wholesome Cream of Tartar—a product of fresh, luscious grapes. Cream of Tartar leaves no bitter "baking powder taste." So ask your grocer for ROYAL. Use it whenever you bake. You'll agree it's well worth the difference in price.

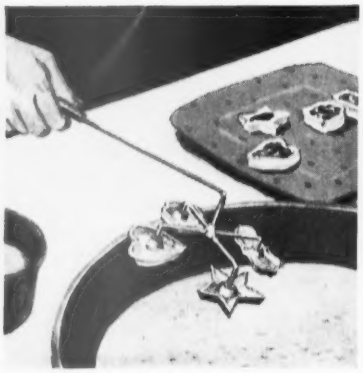
ROYAL COOK BOOK FREE

If you bake at home you should have a copy of the Royal Cook Book which tells you how to make delicious cakes, biscuits, muffins, pies, puddings and main dishes. Send your name and address to Standard Brands of California, 245 Eleventh Street, San Francisco, California. Dept. 2311.

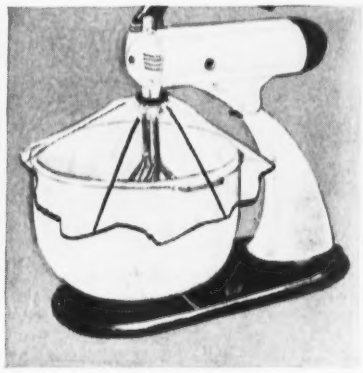
© 1940, Standard Brands Inc.

KITCHENEWS

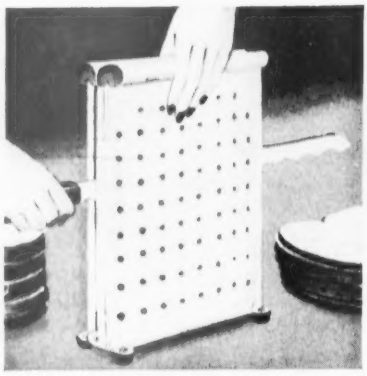
This new merchandise is found in many homewares stores, but if not yet stocked in your locality, write Sunset *Magazine, San Francisco. We will tell you where to send orders.*



PETTEE PATTEE is a miniature timbale iron for making hors d'oeuvres cases in 4 different shapes. Iron is first dipped in timbale batter, then in hot fat until cases are golden-fried. $1.25



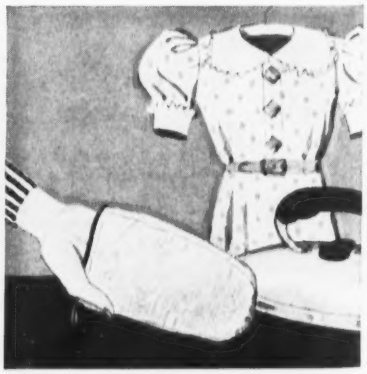
SPATTER SAVER of pliofilm fits over electric beater shaft and prevents contents of bowl from spattering during mixing process. Fits any size bowl. Trimmed in color. About 49 cents



SLICE-A-SLICE makes it possible to slice ready-cut bread very thin. Bread is inserted in holder and the tops of holder are gripped firmly together during slicing. $1; with knife, $1.95

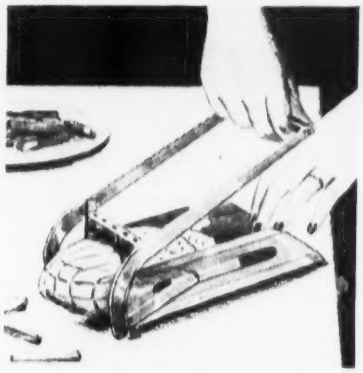
PEPPER MILL of plastic material insures freshly ground pepper and true pepper flavor at every meal. It comes in blue with white trim, white with red trim and mahogany color. $1.25

MET-L-TOP ironing table has fireproof and warp-proof white enameled steel top, ventilated so steam can escape and pad keep dry during ironing. Rubber-tipped folding legs. $5.95



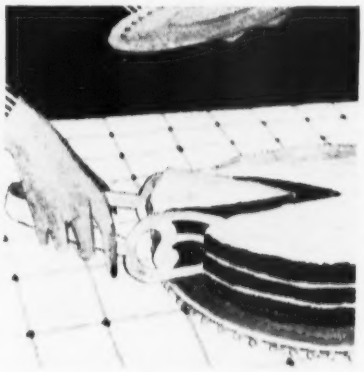
NO-RINKLE PRESSING PAD is a steam- and heat-resistant padded glove that fits over the hand, simplifying pressing of children's clothes and intricate sleeves, etc. 25 cents

SERATA Catalin (plastic) knife. Serrated edge, stainless, 3 colors. 50 cents



POTATO CHIPPER (Volta) cuts potato for French fries in one motion. $2.25

ROTARY PEEL knife has grooved blade for cutting peel garnishes. 85 cents



SERV-A-CUT slices any size piece of cake and carries it safely to plate. $1

from Color Planning Guide at Leading Stores

Color leaps to life in exciting new combinations in this authentic St. Marys "Color-Visualizer" for bedrooms.

Each chart shows enchanting new complementary, matching and high-style color combinations with actual samples of blankets, rugs, draperies and wallpapers to help make correct color selections. Exactly the right colors — superb new shades selected by Virginia Hamill, noted authority on decorating.

Only St. Marys dealers display these new Color Selector Charts. See them and examine the lovely new St. Marys patterns in these famed for quality blankets of pure virgin wool. All mothproofed. $9.95 to $125.00. Write us for free booklet.

St. Marys Woolen Mfg. Co., St. Marys, Ohio.

St. Mary's Blankets Are Sold at These Stores:

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Phoenix — Goldwaters; Diamond Dry Goods Co.

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Beverly Hills — Jean Long
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Fresno — Fresno Dry Goods Co.
Fullerton — Ochins Dept. Store
Hollywood — Rathbun's
Indio — Harris Co.
Lodi — Loth Dry Goods Co.
Long Beach — Barker Bros.; Buffum's
Los Angeles — J. W. Robinson's; Coulter Dry Goods Co.; Barker Bros.; Broadway Dept. Store; Grand Massin De Blanc; The May Co.; The May Co. Wilshire; The Eastern; I. Magnin & Co.; Grether & Grether; Sobel Linen Co.; H. G. McGary & Co.; B. Sheppard Co.; McGinnis Dry Goods
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Oakland — H. C. Capwell Co.; John Breuner Co.
Ontario — Ottman's
Pasadena — Lieberg's; Hertel's; O. E. Hann
Pomona — C. O. Bowen
Redlands — Harris Co.
Riverside — Grout's
Sacramento — Hale Bros.; John Breuner Furn. Co.
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AMERICAN INSTITUTE OF LAUNDERING — LAUNDRY TESTED and APPROVED

Any local laundry which displays this Seal assures you complete satisfaction in laundering these fine all virgin wool St. Marys blankets.

ST. MARYS *Blankets*

"A1" Buttermilk pancakes are SO *quick* and easy!

Start the family off right! Serve delicious, digestible pancakes that provide pep and energy. Make THREE pancakes for a PENNY, in 7 easy minutes with ready-mixed Globe "A1" Pancake Flour.

SLEEP LONGER
No need to get up early when you serve "A1" pancakes. Make them while the coffee is "perking."

JUST ADD WATER
to Globe "A1" ready mixed Pancake Flour to get the best tasting buttermilk pancakes you ever made.

YOUNG and OLD
both, can eat these digestible "A1" buttermilk pancakes. They're so light and tender!

GLOBE "A1" PANCAKE FLOUR

Buy a package TODAY

Foods Editor and Readers Talk Over Some Food Ideas

THANKSGIVING TRADITION

Thanksgiving has weathered many changes since 1621, but through it all the turkey has held his place of honor. In this month's KITCHEN CABINET we pay him due tribute, and surround him with foods that make a happy compromise between tradition and modern Western taste.

The photographs on this and the following pages suggest ways of affording him the proper setting on the Thanksgiving table.

CHRISTMAS FRUIT CAKE

Fruit cake made now will have time to mellow before Christmas. Here are a few notes on baking and storing:

Fruit cakes can be baked in pans of many shapes and sizes, but it is well to remember that a thick cake cuts into more attractive slices than a thin one.

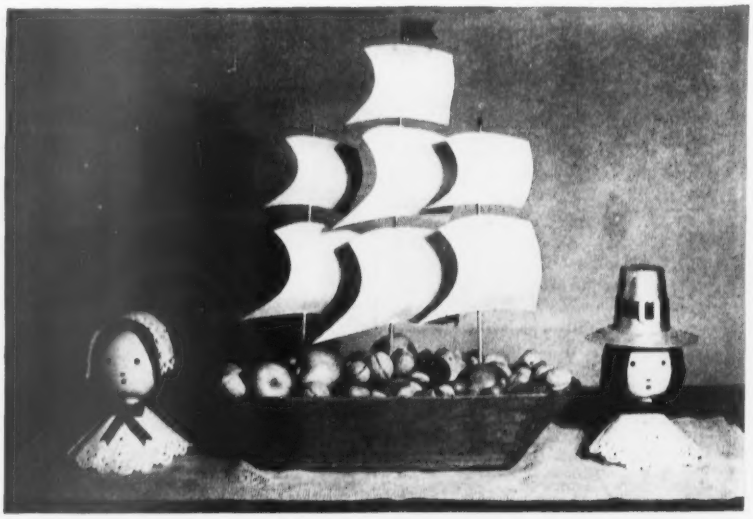
Pans should be lined on bottom and sides with greased paper. Heavy waxed, wrapping or parchment paper can be used. Mitering the corners of the paper will result in a neater-looking cake.

As fruit cakes rise very little, the pans can be filled almost full.

If the cake is put in several pans to be baked at the same time, care should be taken to leave space between them in the oven to insure even baking.

The best temperature for baking fruit cake is 250°-275°. The length of time depends on the weight of the cake. In general, the rule is: 2½ hours for the first pound and 30 minutes additional for every pound over that.

If your oven is not equipped with a low temperature control, it is wise to place a pan of water on the floor of the



PILGRIMS' heads are rubber balls with hole cut in bottom so they fit over neck of a small funnel. Yarn hair is pinned to head. Bonnet and collars are paper doilies. Hat (painted gray) has paper-plate brim; paper cup crown. To make sails billow: draw top and bottom together with thread, fasten thread to wooden masts with Scotch tape

LIFE of the STUFFING

Used by three generations of fine cooks to make foods taste better. FREE recipes. Write, Wm. G. Bell Co., Dept. S11, 189 State Street, Boston, Mass.

LEG OF LAMB AND LOIN OF PORK

Here's a tip! Sprinkle a heaping teaspoonful of Bell's Seasoning over the leg of lamb or loin of pork before roasting. This adds the chef's touch! gives a new spicy zest to lamb or pork. Old, familiar dishes take on a savory new delight when flavored with BELL'S SEASONING. And three generations of cooks have used it to make that zestful, old-fashioned stuffing for poultry, meat and fish. Approved by Good Housekeeping Bureau. Costs only 10c. Send for free recipe booklet of Cooking Secrets. Write Wm. G. Bell Co., Dept. S11, 189 State St., Boston, Mass.

TURKEY TIME!

And time to get Bell's. It has "made" the feast since 1867. FREE recipes. Write, Wm. G. Bell Co., Dept. S11189 State St., Boston, Mass.

THANKSGIVING TANG!

Martinelli's GOLD MEDAL CIDER

HERE'S "Kitchen Magic"

SEASON WITH CHILI FOR FLAVOR and ZEST

Enlist the magic of this wonderful Mexican seasoning. Add zest to soups, sauces. Make real Mexican chili con carne. Transform left-overs. Get Gebhardt's Chili Powder to get the purity and unique flavor found only in imported ancho chili peppers prepared by Gebhardt.

GOES TWICE AS FAR

Free RECIPE BOOK

Write Gebhardt Chili Powder Co. 111 S. Frio Street San Antonio, Texas

Gebhardt's EAGLE CHILI POWDER

oven to prevent cakes from becoming too dry or too brown.

Designs of nuts or candied fruit can be arranged on top of the cake about 30 minutes before removed from oven.

When baked, fruit cakes should be removed from the pan to cool with the paper pan lining left on. When thoroughly cooled, the cakes are wrapped in toweling or heavy waxed or parchment paper and stored in a covered container in a cool place.

A cloth wrung out in brandy or cider may be wrapped around the cake before the outer covering is put around it.

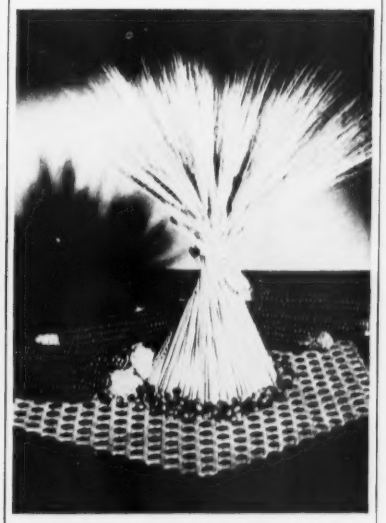
If a fruit cake is to be shipped any distance, an excellent container for baking is a 3- or 5-pound loaf cheese box lined with greased parchment paper. When the cake is baked, let it cool in the box, then nail on the top.

(See page 36 for a fruit cake recipe.)

FINGERS BEFORE FORKS

Hospitality in November might take the form of a luncheon before the football game. Make it one of the "fingers before forks" variety. Let the hot dish be long rolls split and filled with a chicken salad or ground ham and cheese mixture, then made piping hot in the oven just before serving. For the salad: platters of celery, cucumber and carrot sticks, and crisp leaves of romaine lettuce—all to be dipped by the guests in individual paper cups of avocado dressing. Cake for dessert, and hot coffee.

If it's a supper after the game, be sure that the menu consists of dishes that can be prepared ahead of time. For instance: ham loaf, served hot or cold, with mustard sauce; hot apple sauce; vegetable aspic ring filled with potato salad; hot rolls and relishes; date nut torte and coffee. Serve buffet style.



STALKS OF WHEAT fastened with adhesive tape at bottom against sides of inverted pan, tied with corn husk in middle. Popcorn could replace colored corn

Razor Clam* Soup

Cook one slice onion and one stalk diced celery in two tablespoons of butter. Remove the onion.

Make a white sauce of butter, 2 tablespoons flour, 2½ cups milk . . . add salt, pepper, one bay leaf and one tablespoon parsley, pimiento or paprika.

Pour the natural clam nectar from one 7 oz. can of Pioneer Minced Sea Clams into soup . . . stir.

Now add the minced white razor clam meat from the can. Garnish with paprika or toast squares. When they ask, "How come that flavor?", tell them Pioneer Sea Clams are the choice white meat of the rare razor clam, sealed in natural nectar. And they'll love it!

★PIONEER MINCED RAZOR CLAMS

Delicious CHICKEN Soups

Fall days are chicken soup days. Satisfy hungry appetites economically with either *Lynden* Egg Noodle and Chicken Soup or *Lynden* Chicken Soup with Rice. They are western favorites and "Tops" in quality.

"It's the CHICKEN"

LYNDEN "kitchen cooked"

Chicken SOUPS

(with Egg Noodles or with Rice)

GOOD... All the Year

Equally tasty with chicken or turkey *Ocean Spray Cranberry* Sauce, is now readily available at your grocer. Try this national favorite.

Ocean Spray BRAND

CRANBERRY SAUCE

HOLDS HEAVIER WEIGHTS ...WON'T MAR WALLS

MOORE PUSH-PINS & PUSHLESS HANGERS

ONLY HANGER WITH A TWIST

Use them wherever there are things to hang, tack or pin up. Hardware & Stationery Stores

MOORE PUSH-PIN CO., PHILA., PA.

NO MORE SCORCHED FOOD, BURNED PANS OR HOT, STEAMY KITCHENS WITH ADE-O-MATIC

29¢ and up

Ask to see the new ADE-O-MATIC SURFACE OVEN COVER RACK and ADE-O-MATIC 79¢

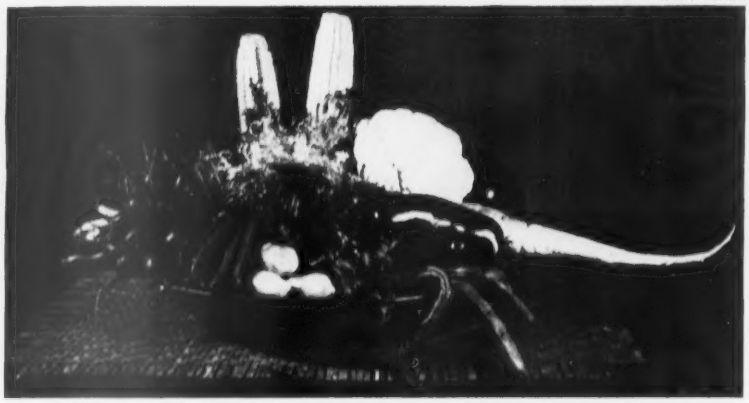
Does mealtime find you a nervous wreck—flushed and uncomfortable, with hair out of curl because of a hot, steamy kitchen? **You can stop all this for 29¢.** With an ADE-O-MATIC, vegetables won't boil dry, won't burn or stick to pans. You can bake macaroni, potatoes, warm leftovers, etc., the cool way, on top of the stove; can cook oatmeal, rice, sauces and puddings in ordinary pans without a steaming double-boiler.

Get uniform heat on all stoves (gas, electric, coal or oil). Permits waterless cooking with any pan, without burning or scorching. With oven top makes ideal "Bun Warmer" for buns, rolls, biscuits, and chips. Makes Melba Toast.

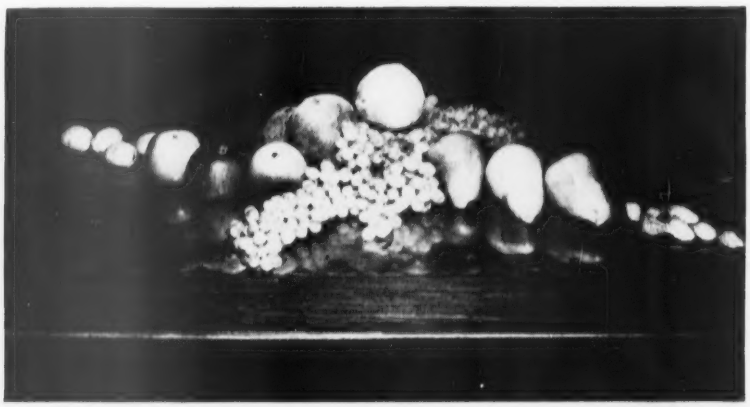
Buy an ADE-O-MATIC at your favorite department, hardware or "5 and 10c" store today. 29c and up. If ordered direct, add 10c for mailing.

Ade-O-Matic Co. 408 N. Mich. Ave., Chicago, Ill.

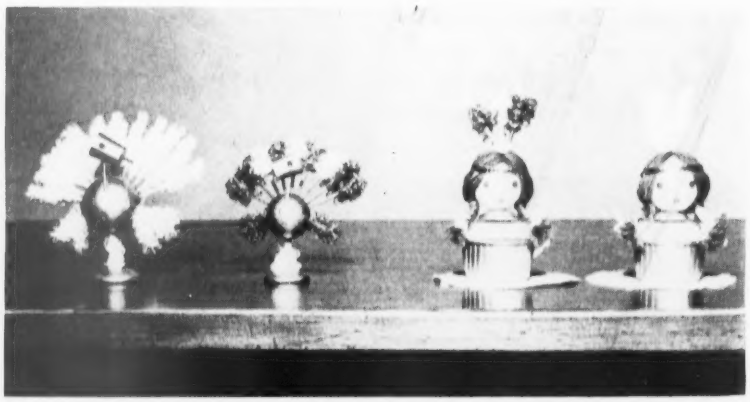
PHOTOS BY ROBERT CLARK



THANKSGIVING table arrangement of colorful vegetables is appropriate to the spirit of the occasion. The bowl is a gold mining pan (inexpensive, available in various sizes, and sold by many large hardware stores). These pans bear a close resemblance to old pewter and, if painted with clear lacquer, will not rust. Because of their shape they lend themselves well also to flower arrangements—chrysanthemums are very effective



COPPER SHEETING, scalloped around the edges, makes a dazzling background for any fruit or vegetable arrangement. Here green grapes, yellow pears and peaches, red apples, and nuts provide an autumn color scheme. Sheeting comes 12" wide and can be scalloped with ordinary scissors. Sheeting mat can be made in one long strip or, for small tables, in two shorter ones which are overlapped (as in the photograph above)



DECORATIONS. **Turkeys:** *bodies, rubber balls; necks, toothpicks; heads, corks; eyes and bills, tacks; feathers and legs, frilled toothpicks (available at paper companies); legs stick in button molds. Bodies, necks, heads and bases are gilded.* **Indian girls:** *heads, rubber balls; hair, yarn; necks, small button molds resting on larger ones (size 100 wooden mold just fits over 2½" nut cup). Long pin holds the various parts together*

(If you need further instructions for making any of the above decorations or either of those on the preceding pages, write to Good Ideas Editor, *Sunset* Magazine.)

Here's the answer to every woman's desire for baked goods that do not dry out quickly...

M.C.P. *Powdered* LEMON JUICE

In any baking recipe, substitute for *each* teaspoon of baking powder ¼ teaspoon baking soda and 1 tablespoon M. C. P. *POWDERED* LEMON JUICE. This combination not only acts as a leavening agent but also attracts and holds moisture—whereas, the alum in most baking powders causes dryness.

In addition, baked goods made this way will have a finer texture and the healthfulness of highly important Vitamin C.

Get M. C. P. *POWDERED* LEMON JUICE today and enjoy better results in *your* baked goods.

M. C. P. *Powdered* LEMON JUICE

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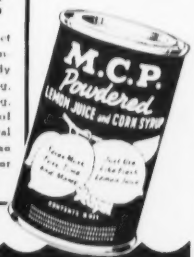

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MARKETS AND MENUS

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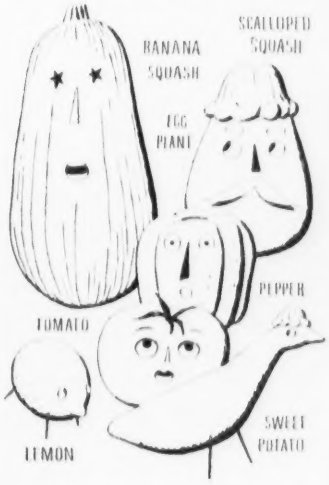
Strawberry guavas. Use the fleshy part of the peeled raw guava in shortcake (made like its strawberry cousin). *Mrs. G. E. S.*, Pasadena, Calif.

Cauliflower. Boil a medium-sized head in salted water for 10 minutes. Drain and place in buttered baking dish. Sprinkle ½ cup (or more) grated Cheddar or Parmesan cheese over the top. Carefully drizzle 4 or 5 tablespoons piping hot olive oil over the cheese. (If poured too rapidly it will wash the cheese off.) There should be enough oil to moisten the cheese all over. Bake uncovered for 40 minutes in a hot oven (400°). The result will be cauliflower with a golden toasted crust. *Mrs. J. M. K.*, Los Angeles.

Mushrooms. Soak, scrub and remove stems. Fill cavity with deviled ham and bake in a moderately hot (375°) oven 20 minutes or until tender. Arrange on slices of golden brown toast on a platter, and pour hot cheese sauce over all. This is a delicious luncheon dish. *Mrs. C. D. W.*, Sierra Madre, Calif.

Hubbard squash. To 3 cups mashed cooked squash, add: 1 tablespoon molasses, ¼ cup cream, ¼ cup coconut, dash of nutmeg and salt to taste. Blend all together. Pile into a buttered baking dish and let brown lightly in the oven. *Mrs. F. J. L.*, Oakland.



FRUITS AND VEGETABLES become animated to add gaiety to holiday tables. Use colored thumb tacks and bits of paper for features and toothpicks for the legs

CLOTHES MODEL

wins admiration with flavorful meals!

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Fall days are chicken soup days. Satisfy hungry appetites economically with either *Lynden* Egg Noodle and Chicken Soup or *Lynden* Chicken Soup with Rice. They are western favorites and "Tops" in quality.

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Equally tasty with chicken or turkey *Ocean Spray Cranberry* Sauce, is now readily available at your grocer. Try this national favorite.

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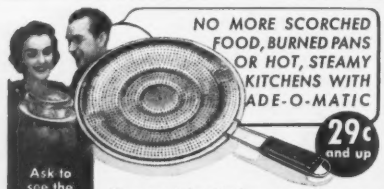

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29c and up

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Get uniform heat on all stoves (gas, electric, coal or oil). Permits waterless cooking with any pan, without burning or scorching. With oven top makes ideal "Bun Warmer" for buns, rolls, biscuits, and chips. Makes Melba Toast.

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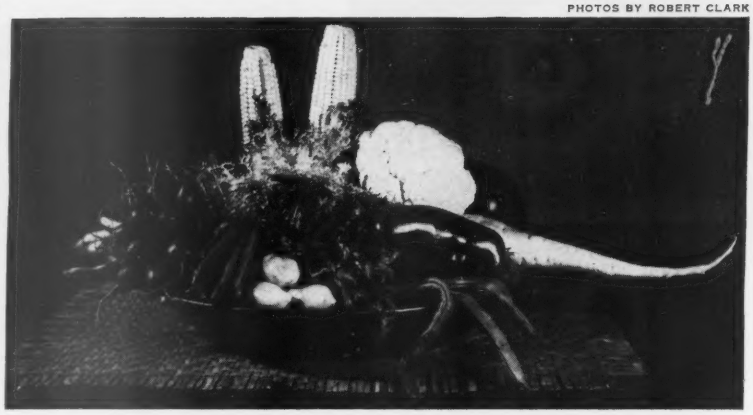
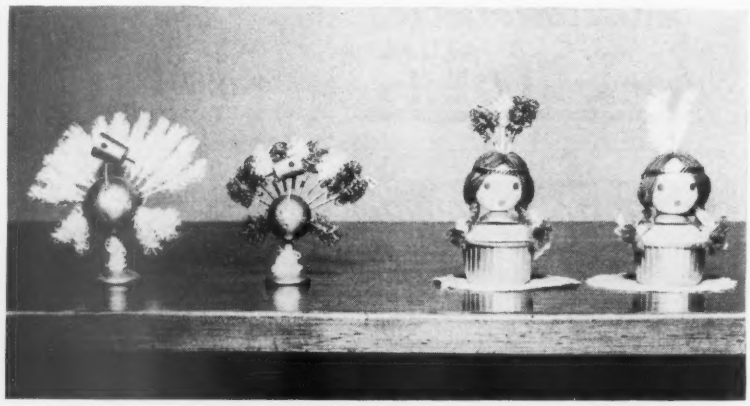


THANKSGIVING table arrangement of colorful vegetables is appropriate to the spirit of the occasion. The bowl is a gold-mining pan (inexpensive, available in various sizes, and sold by many large hardware stores). These pans bear a close resemblance to old pewter and, if painted with clear lacquer, will not rust. Because of their shape they lend themselves well also to flower arrangements—chrysanthemums are very effective

COPPER SHEETING, scalloped around the edges, makes a dazzling background for any fruit or vegetable arrangement. Here green grapes, yellow pears and peaches, red apples, and nuts provide an autumn color scheme. Sheeting comes 12" wide and can be scalloped with ordinary scissors. Sheeting mat can be made in one long strip or, for small tables, in two shorter ones which are overlapped (as in the photograph above)



DECORATIONS. Turkeys: *bodies, rubber balls; necks, toothpicks; heads, corks; eyes and bills, tacks; feathers and legs, frilled toothpicks (available at paper companies); legs stick in botton molds. Bodies, necks, heads and bases are gilded.* Indian girls: *heads, rubber balls; hair, yarn; necks, small button molds resting on larger ones (size 100 wooden mold just fits over 2½" nut cup). Long pin holds the various parts together*

(If you need further instructions for making any of the above decorations or either of those on the preceding pages, write to Good Ideas Editor, *Sunset* Magazine.)

Here's the answer to every woman's desire for baked goods that do not dry out quickly...

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In any baking recipe, substitute for *each* teaspoon of baking powder ¼-teaspoon baking soda and 1 tablespoon M. C. P. *POWDERED* LEMON JUICE. This combination not only acts as a leavening agent but also attracts and holds moisture...whereas, the alum in most baking powders causes dryness.

In addition, baked goods made this way will have a finer texture and the healthfulness of highly important Vitamin C.

Get M. C. P. *POWDERED* LEMON JUICE today and enjoy better results in *your* baked goods.

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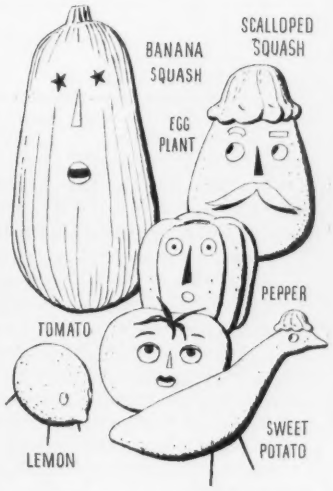

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Chefs of the West

Adventures in the Art of Cooking ...with men...by men...for men

CHEFS OF THE WEST *is dedicated to masculine masters of the culinary art—both one-dish "chefs" and those with a well-rounded repertoire. Contributions are accepted from men only and may be in the form of recipes or suggestions on cookery technique for indoors or outdoors. Reward for accepted contributions is the honorary insignia of the right royal order of* CHEFS OF THE WEST—*a chef's cap, designed in the best tradition and suitably emblazoned, and an engraved card to record forever the skill of the "chef." "Chef" Gordon Goodwin,* Sunset's *arbiter of masculine culinary, is sole judge of contributions. Recipes submitted should be clearly worded, with name and address of contributor legible.*

CALIFORNIA FRUIT CAKE OR VACATION FRUIT CAKE

Most people will consider this recipe a little out of season but fruit cake is a delight on any vacation. It will pack in a trunk, suit case, duffel bag, or even a knapsack, and travel equally well from the seashore to the Sierra. Don't ask me how to keep it as I have never been able to keep any portion of one over two weeks and it isn't the pack rats that make it disappear.

- ½ pound butter—San Joaquin
- 1 cup sugar
- 4 eggs—San Fernando or Petaluma
- 2 cups flour—Sacramento Valley
- 1 teaspoon baking powder
- 2 cups dates—Coachella Valley
- 1 cup walnuts—Pomona
- ½ pound citron—Covina
- ½ pound orange peel—Porterville
- ½ pound candied cherries—Beaumont or Santa Clara
- ½ cup grape juice—Fresno

Seed dates and cut into eighths. Shell nuts and break into pieces. Quarter cherries. Cut citron and orange peel into ¼-inch cubes. (I prefer large pieces of citron and orange peel to the smaller pieces in ready-cut packs.) Put all fruit into kettle and mix well.

Cream butter. Add sugar, then cream again. Add eggs and mix into butter and sugar. Sift flour and baking powder several times and then add half of flour to butter-sugar mixture and the other half to fruit mixture. Mix butter, flour, sugar and eggs well.

Mix fruit with half of flour to form a coating of flour on the fruit. Heat grape juice and add to butter, sugar and flour, and mix well. Add to fruit mixture and mix again. Turn into angel food cake pan and bake in slow oven (250°) about 3 hours.—*Nicholas A. D'Arcy, Jr.*, Huntington Park, Calif.

For more on fruit cakes see "November Adventures in Food," page 32.—ED.

WILD DUCK, HUNTERS' STYLE

No stuffing, no high seasoning, nothing to take away the wild gamey flavor. After inserting a small sprig of celery in each bird and rubbing each with salt and butter, place them breast up in an open pan. Thrust them in a blazing hot oven and roast rapidly, the time depending on the size of the birds. Fifteen to 18 minutes is sufficient for teal, and for the large ones such as sprig and mallard, 22 to 25 minutes. Split the difference for the in-between sizes. There are many who object to this style of cooking, claiming that the birds are underdone, but such is really not the case. If the oven is at the proper temperature, which is as hot as you can get it, the birds are quickly seared, sealing in the juices, and therein lies the secret. When removed from the oven they are thoroughly done although the flesh is reddish brown inside. In serving, cut a lemon in half and sprinkle a little cayenne pepper on the cut sides. Squeeze some of this over your ducks and go to it, not omitting to make full use of nature's implements when necessary. Yea, pick the bones even to the last shred of meat and don't be ashamed to do it.—*Gene Sullivan,* San Francisco.

SIRLOIN STEAK A LA "SOY"

- 1 sirloin or porterhouse steak 3½ or 4 inches thick
- 10 ounces (about 1¼ cups) Chinese soy sauce
- 1 tablespoon powdered mustard
- 3 cups granulated sugar
- 4 or 5 giant white onions

Rub steak with garlic and place in roasting pan into which has been poured about 6 ounces (about ¾ cup) soy sauce with mustard stirred in. Soak steak in sauce on each side for about 5 minutes. Now sprinkle on one side of steak 1½ cups sugar and smother with half-inch

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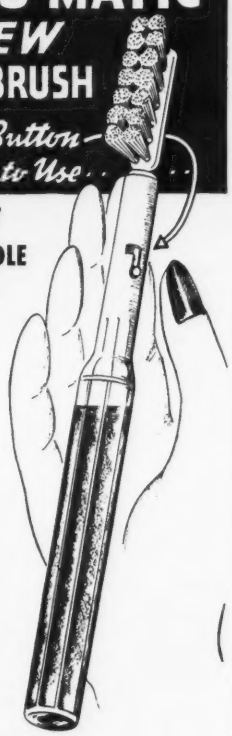

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thick slices of onion. Place pan (without cover, of course) under broiler, medium flame, so that the meat is about 5 inches away from the flame. Baste well with the soy sauce about every 5 or 7 minutes. After about 35 minutes take out of broiler, brush aside onions, which will be charred, turn the steak over, cover with remaining sugar and onions as before and add balance of soy sauce. Replace in broiler and cook as before for 35 minutes, continuing basting. Remove and brush aside onions and sugared crust. Serve. The meat will be very rare but even the "medium well" steak-eater will come back for more. There is no trace of sweetness imparted to the meat from the sugar. Be sure to go to a good Chinese cafe to buy your soy.—*W. H. Roberts II*, Pasadena, Calif.

PUMPKIN PIE

¾ cup sugar
2 eggs, slightly beaten
1½ cups milk, scalded
½ teaspoon cinnamon
½ teaspoon ginger
½ teaspoon salt
Peel of ½ large orange, grated
1½ cups steamed pumpkin (canned will do)

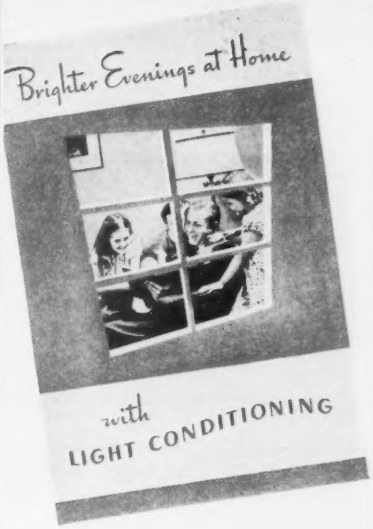
Mix sugar with slightly beaten eggs, add milk to which spices, salt and orange peel have been added, fold in pumpkin and pour into unbaked pie shell. Bake in a hot oven (450° F.) 10 minutes, then reduce heat to moderate (350° F.) and bake 20 to 25 minutes longer, or until an inserted knife comes out clean. The grated orange peel gives the pie a distinctive flavor.—*Packard Polin*, Central Valley, Calif.

With no desire to gild the lily, or pumpkin, we can vouch for the following: Whip up half a pint of thick cream, sweeten to taste with confectioners sugar, flavor with a tablespoon of brandy, rum, or sherry, and put a big spoonful on each serving of pie. Don't crowd, men!—ED.

DOVE STEW

Put in a heavy iron skillet olive oil to a ¼-inch depth, a minced onion, a chopped bell pepper, a clove of garlic, about 30 or 40 rosemary leaves, a few celery stalks minced, and some bacon. Fry these for about five minutes. Salt and pepper doves and cook in the skillet over a hot fire until nicely browned. Then add the liquid from one can of Scotch broth, a can of tomato paste and some dried mushrooms (or you can use a small can of button mushrooms—we use the dry as they give a better flavor). Now add one cup of sherry wine and let it simmer on a slow fire for about ½ hour.—*E. J. Campbell*, Los Angeles.

Mr. Campbell says, "I have given this recipe to a number of dove hunters and they all say they like it."—ED.



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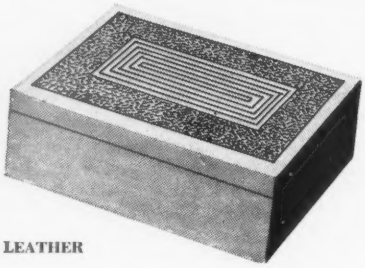

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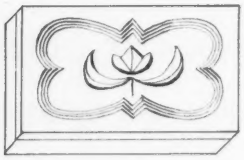
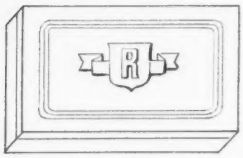
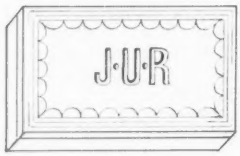
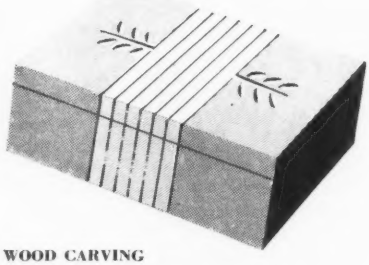




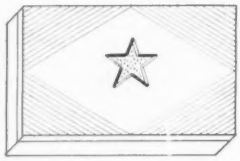
SUNSET has received hundreds of letters from readers asking for simple, inexpensive craft projects. "Tell us how," they say, "to make attractive Christmas presents with our own hands, without previous experience or artistic ability." Arts & Crafts Editor Elise Mannel investigated and found the answer—decorated boxes! They are a welcome gift of many uses (for cigarettes, cards, desk supplies, jewelry, miscellaneous small objects). A plain box lends itself to decoration with such crafts as leather, carving, metal, gesso. Boxes, and materials for their decoration, are available at craft supply stores and some department stores. However, to smooth and speed your introduction to crafts, *Sunset* offers assembled projects which include all materials necessary; the 20 designs on these two pages, in actual size; and complete directions. Boxes are $3\frac{7}{8}''$ x $5\frac{3}{8}''$ x $1\frac{7}{8}''$.

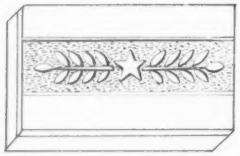
Project No. 1, for *leather* decoration, includes: 1 bass-wood box,

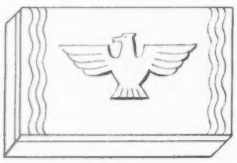


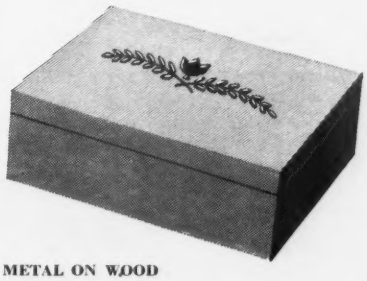


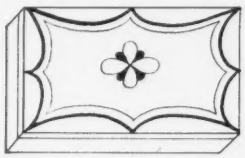
WOOD CARVING



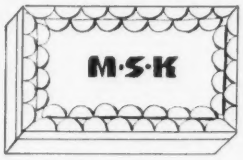


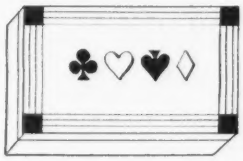






METAL ON WOOD



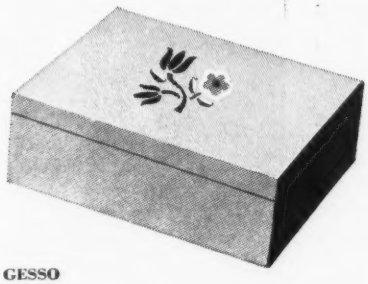


tooling-calf leather, cement, tool, 20 designs, directions. Price, postpaid, $1; including 2 boxes and additional leather and cement, $2.

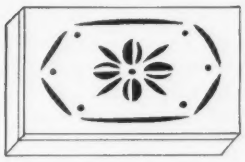
Project No. 2, for *carving*, includes: 1 bass-wood box, carving knife, 20 designs, directions. Price, postpaid, $1; including 3 boxes, $2.

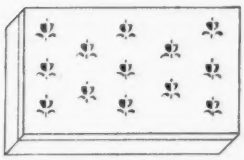
Project No. 3, for *metal* decoration, includes: 1 bass-wood box, copper, cement, 2 wooden tools, 20 designs, directions. Price, postpaid, $1; including 2 boxes and additional copper, $2.

Project No. 4, for *gesso* decoration, includes: 1 bass-wood box, molding clay, art clay, tool, 20 designs, directions. Price, postpaid, $1; including 3 boxes, 2 tools and additional clay, $2.



GESSO





Send orders to *Sunset* Reader Service, 576 Sacramento St., San Francisco. Order by project number and decoration medium (i.e. "Project No. 1, leather"). Price may be sent in dollar bills, checks or money orders.

Most of the 20 designs (all shown here and *all* enclosed with *every* project) are suited to any of the four mediums of decoration.

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HONESTY in acknowledging the irregularities of the site make the Charles Baker home, San Anselmo, an interesting study in Western architecture

GOOD ANGLES

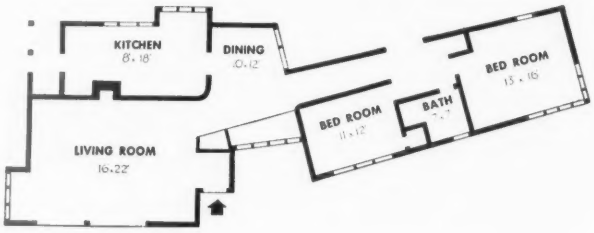
"Honesty is the Best Policy" is a Truism Applicable to Architectural Design

ANGLES in topography, unusual irregular hillsides, are not necessarily hindrances to the building of a home—in fact their presence can force an honesty into design which may not be accorded a home for a site more favorable to construction.

The problem of a very steep curving hill, commanding a view of Mt. Tamalpais, faced Architect Francis E. Lloyd in planning the home of Mr. and Mrs. Charles Baker, Sleepy Hollow (near San Anselmo), Calif. He found the best solution in simply acknowledging the curvature and putting an angle in the house (see plan below).

For the architectural style, Modern seemed to adapt itself best to the honest approach given the plan. Natural finish redwood was used for the exterior. Color relief was provided by painting the

STEEP SITE inspired practical design



FRENCH DOORS lead to sun deck over garage (see top photo at left)

undersides of the eaves and the undersides of the sun-deck overhang yellow. A 3-foot wide concrete flower box built against the base of the front wall (see photo above) serves the dual purpose of adding needed strength to the foundation and decoration to the very deep expanse of concrete which otherwise might be overpowering and severe in appearance.

Precipitousness of the site was not an obstacle either in planning space for outdoor living. A cut in the hill allowed a generous terrace and lawn area behind the dining room and bedroom-gallery.

The interior of the house was treated with the same simplicity and directness which characterizes the exterior. A coat closet, not quite ceiling-height, between living and dining rooms, has a role in the design by serving as a partition.

In keeping with the lack of subterfuge throughout, the back of the living room fireplace, facing the kitchen, was left with bricks exposed. And in doing this, warmth and character were given the kitchen.

Combined regard for both appearance and practicality was expressed also in the choice of flooring. An all-over effect was wanted in the living and dining rooms and hall since they all opened into each other without doors. Desire for ease of maintenance precluded the use of carpeting. Linoleum, while yet unconventional for these types of rooms, was an honest answer.

Costs on this house were raised somewhat because of the amount of concrete needed, due to the site. The total was $7000.

ON BACK WALL of fireplace, which faces kitchen, hang pots and pans

IMAGINE *Yourself* AT THIS PIANO

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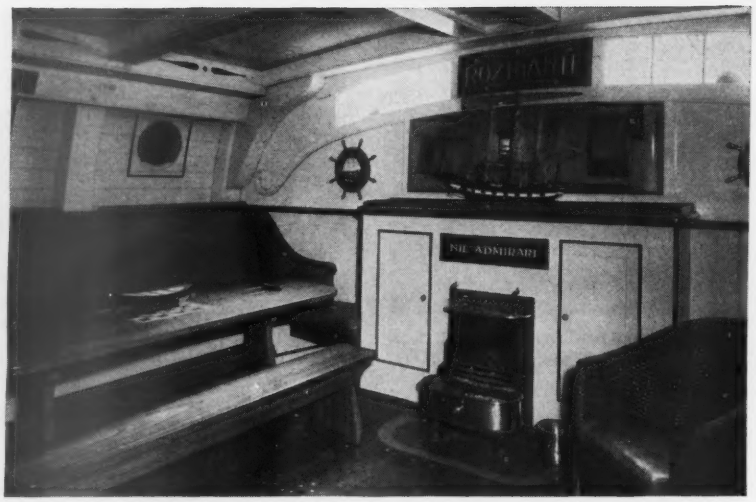
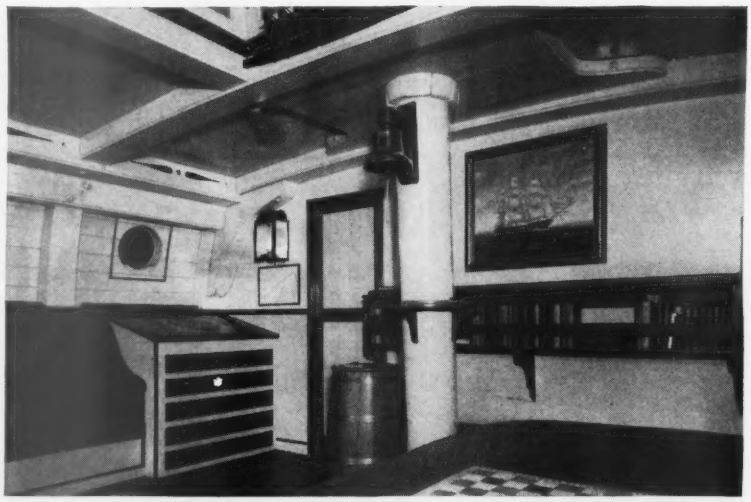


AN 1830 WHALER inspired the decoration of the game room of Hugh Engleman

DO YOU SIGHT a whale outside those portholes? One almost feels as though it wouldn't be illogical, so perfect is the illusion of being on shipboard in the game room of Hugh Engleman, Wilmington, Calif. A shipbuilder by occupation, Mr. Engleman has created in this room an exact replica of the captain's quarters of an 1830 whaling ship.

At the portholes cloudy blue cathedral glass filters soft "sea" light from the outside windows of the house. A plywood block nailed to the exterior of one of the portholes gives the effect of looking out on the ship's rigging.

Ship-style construction has been used in every detail. Each dimension is nautically correct for a 300-ton whaling ship, 120 feet in length. (The room is 14 by 20 feet.) For flooring, 5-inch teak planks were laid in ship fashion and fastened with white pine bungs. Doors are made of teak rails with plank panels. Genuine ship hardware of brass was used throughout. A mast (14 inches in diameter) with a ship's bell fastened to it adds another



EVERY DETAIL of the room is nautically authentic. Real chart table at left

OLD harness cask now holds firewood

note of authenticity to the atmosphere. In the future a gun rack holding a collection of old whaling guns will find a place at the base of the mast.

An interesting detail of the bookshelf is the calks which slip into notches. Originally they were used for the purpose of keeping the books in place when the ship was in motion.

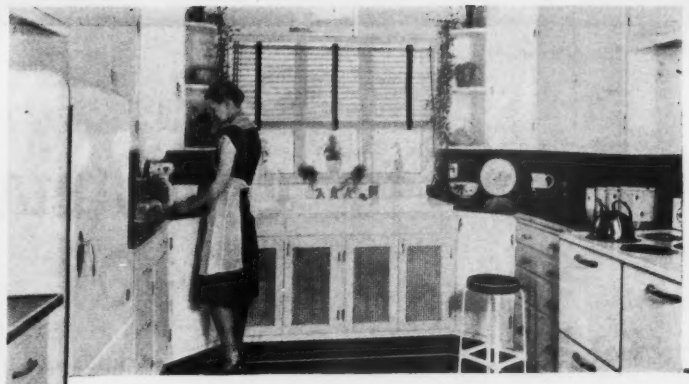
The brass fireplace, taken off an old ship, has been cleverly built over an existing fireplace. A pair of false cupboards on either side balance the small fireplace. Wood for the fire is kept in a teak harness cask, the original purpose of which, on a whaling ship, was a container for meat packed in brine. The sailors, it is said, used to complain that they found bits of harness in their meat, and so the meat barrel became known as the harness cask.

On one side of the room is a teak chart table inlaid in a compass design. It is an exact reproduction of chart tables on whaling ships.

To contribute to the practicability of the room for entertaining, a galley was built in on the other side of a low door, equipped with stove, refrigerator and other accessories.

Fortunate, in the planning of this room, is that in the effort for exact authenticity in design, the room's function was kept well in mind. The long benches will seat many guests. A large table offers generous space for games. Light for reading is supplied by adequate lamps—genuine old ship lamps, but rigged for modern lighting requirements.

Romantic, masculine, comfortable, the charm of the room lies in the discernment used in selecting details, in the simplicity of materials and line. All nonessentials have been eliminated, for, on shipboard, everything has a practical purpose—and that principle is a good one in any game room.



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Published monthly at San Francisco, Calif., for Oct. 1, 1940. State of California, City and County of San Francisco, ss:

Before me, a Notary in and for the State and county aforesaid, personally appeared L. W. Lane who, having been duly sworn according to law, deposes and says that he is the Publisher of SUNSET, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by Act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, printed on the reverse of this form, to-wit:

1. That the names and addresses of the publisher, editor managing editor, and business managers, are: publisher, L. W. Lane, 576 Sacramento St., San Francisco, Calif.; editor, Walter L. Doty; business manager, Jesse E. Thrash.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock).

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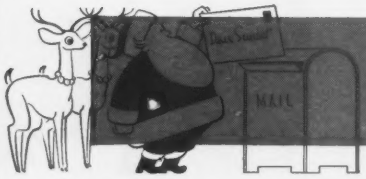

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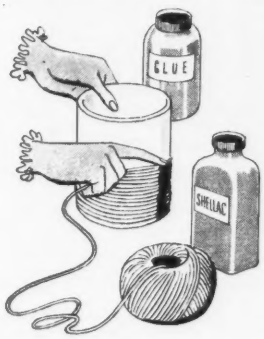
San Francisco, Calif.

A Piece of String

ATTRACTIVE and useful Christmas gifts can be made out of boxes, glass jars and tins by decorating them with simple everyday string. Dyed or painted, string glued on such receptacles gives them a colorful, smooth, modern effect.



Boxes for string decoration should be of wood. Cigar boxes (or similar ones) are a practical size for many uses. Glass containers—bottles, jars, jelly glasses—may be used for cotton, matches, candy, cookies. Tins, such as coffee and cookie cans, also are excellent subjects for stringcraft.

CLEANSER CAN

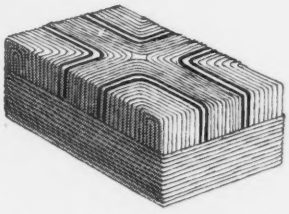
Higgins' vegetable glue (art supply stores) is applied freely and juicily to string as it is wound closely around can. Glue sinks into string, hardens as it dries. When dry, coat of white shellac applied. Decoration is in dyed string.

BON BON CAN

This charming gift is a disguised coffee can. Lettering in brown on natural color string. If color is desired, string may be painted (after glued on container) rather than dyed, though latter is preferable. Script wording is done by pasting as you form the letters.

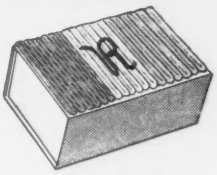
JELLY GLASS

White string covering, after being shellacked, is decorated with wording done in red string. The dying of colored string is done before using, and dried thoroughly.



FOR SMALL OBJECTS

Cigarettes, jewelry, candy, any small items fit nicely in this colorful box. Imagination will create many unusual designs for stringcraft.

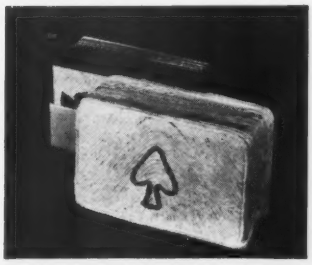


MATCH BOX

Popular use of patriotic colors expressed in stripes of plain white and dyed red and blue string.

BOOK ENDS

Other possibilities for string decoration are book ends made of blocks of wood about 6 x 6 x 2 nches. String is pasted round and round until the entire block is covered. Then a leaf or animal design, in string of contrasting color, is pasted on one side and shellacked.



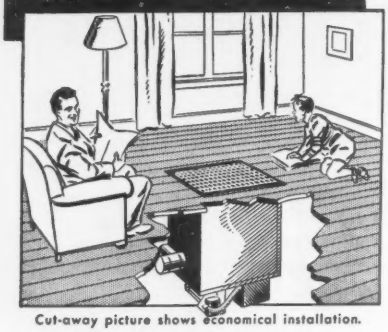
CARD-DECK COVER

Patterns can be made with plain string itself, by winding it in arcs, waves, squares, circles, triangles or stripes. String decoration has a true handcraft "feel."

COOKIE JAR

Plain glass jar with cover (from 5-and-10) is made into a gay novelty by addition of green, brown and yellow stripes of string around base and top of jar.

CHEAP OIL HEAT for SMALL HOMES



Cut-away picture shows economical installation.

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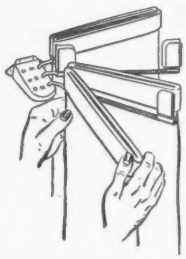

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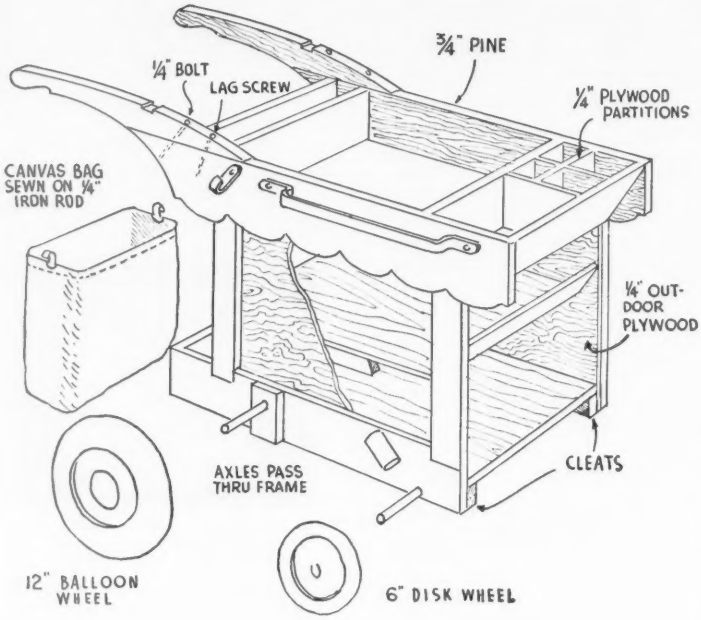
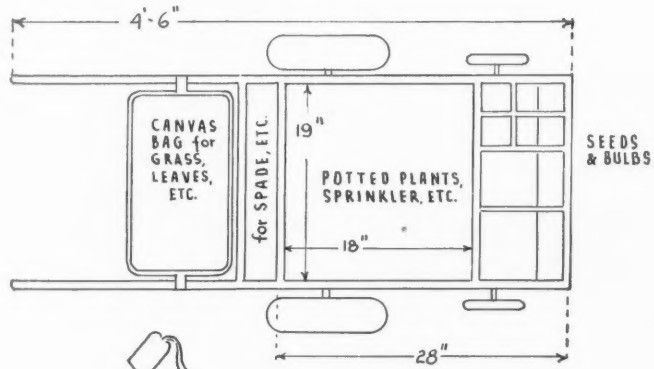
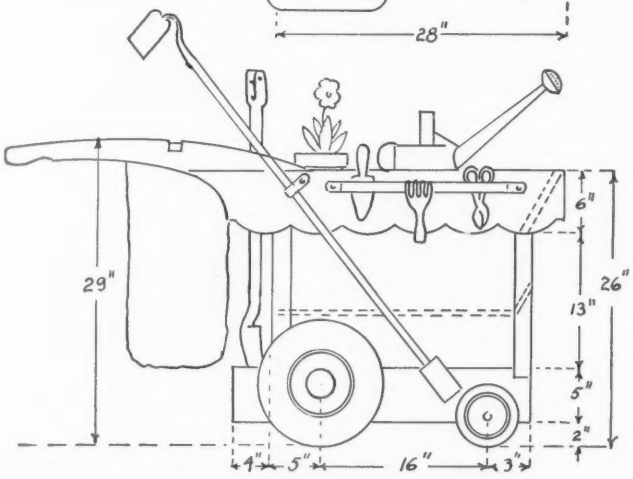
How to make a GARDEN CART

A Tool House on Wheels . . . Light-weight, Handy



TOP VIEW





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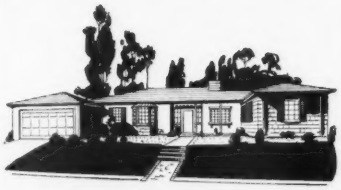

Sunset House, planned by 300 members of the Berkeley Women's City Club and constructed by Sunset, has now served its purpose as a model display home. If you are interested in an outstanding home located in Berkeley's newest and most exclusive residential district, Park Hills, you may acquire Sunset House at considerably less than the cost or reproduction.

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SUNSET MAGAZINE

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WELL KNOWN to the gardener who has generous garden space is the problem of carting tools and materials sufficient to complete the job at hand. Several trips back to the tool house or garage usually is the only answer. The garden carry-all drawn by Hi Sibley is ingeniously designed to be a garden supply shed on wheels. It accommodates long- and short-handled tools, pots, sprinkler, spray, fertilizer, cut flower containers, seeds, bulbs and a seed flat. A canvas bag suspended at the handle can carry cuttings or refuse.

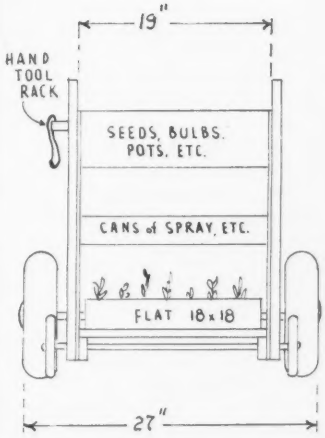
Despite the load, the cart is easy to push since it is borne (primarily) on a pair of balloon-tired and ball-bearing wheels.* (The small front wheels serve to support the front end when not in transit.) The tires also prevent the wheels from marring lawns or soft paths.

If assembled with galvanized or brass screws and casein waterproof glue, this vehicle will not be damaged by any kind of weather. Pine or fir is used for the framework, water-proof plywood for panels, shelves and partitions.

A decorative as well as functional addition to the garden can be had if the cart is painted a bright green, yellow or red. (Industrial, housepaint or other outdoor paint should be used.) The refuse bag can be made of gay striped awning cloth.

**Can be ordered from Bild-Ur-Own Devices, 5237 W. Lake St., Chicago, if size called for is unavailable locally.*

FRONT VIEW



SANI-FLUSH was introduced 28 years ago to clean water closets. It is still the easiest and best known way to keep toilets sparkling clean and sanitary. Just sprinkle a little of this odorless compound in the bowl twice a week. Saves disagreeable work.

Sani-Flush removes rust, stains and incrustations. It even cleans the hidden trap. Cannot injure plumbing connected with the bowl. (Sani-Flush is also effective for cleaning out automobile radiators.) *See directions on the can.* Sold by grocery, drug, hardware and 5-and-10c stores. 10c and 25c sizes. The Hygienic Products Company, Canton, Ohio.

Sani-Flush

CLEANS TOILET BOWLS WITHOUT SCOURING

HOW TO BUILD A TABLE-MODEL LOOM
Construction drawings and complete directions. Loom produces 20-inch wide fabrics, many patterns. Postpaid 25c. *Sunset Book Department, 576 Sacramento Street, San Francisco, California.*

HAND WOVEN

by the mountain people of New Mexico

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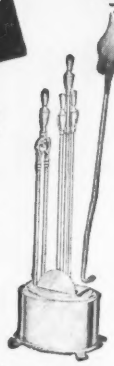
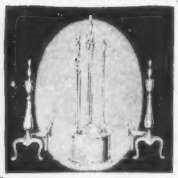


The appealing beauty, the cleanliness, the fact that any tool can be removed from a Nelson Hearth Kit without disturbing the others — all combine to add new charm and convenience to your hearth.



Nelson "Hearth-Kits" — in a wide variety of designs and finishes — retail for $12.50 to $25. Matching andirons and firescreens are available

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REPLACING THE BEE

Parthenocarpy (Artificial Fertilization), Employing Chemicals Instead of Natural Pollen, Produces Seedless Fruits and Vegetables

It's rough on the appetite to bite into a fine grape or melon and get a mouthful of seeds, and it soon may no longer be necessary. By applying chemical pastes or by squirting chemical solutions into newly opened flower buds, plant physiologists are now producing fruits and vegetables that are seedless. This phenomenon of fertilization without pollen, is parthenocarpy, which translated means "virgin fruition." It is by no means a new discovery. Aristotle recorded it; Darwin was puzzled by it. They knew that it happened, but not why nor how.

EXPERIMENTS THAT WORKED

Fertilization of some grapes by pollen of the Virginia Creeper suggested that some substance common to various pollens was the stimulus to fruit development, and when the excitement about plant vitamins and hormones was new, Dr. Felix Gustafsson, at the University of Michigan, thought they might provide the answer. Selecting 4 chemical compounds known to produce roots on cuttings, he mixed a gram of each separately with 100 grams of hydrous lanolin. These pastes applied to the cut styles of unopened flowers produced results that astonished him. From the indole-butyric acid mixture he secured 21 seedless tomatoes out of 50 treated blossoms; 8 seedless peppers out of 55 tries. Eggplants and crook-neck squash were treated with little success; watermelons, cucumbers and Hubbard squash did not respond at all.

E. E. Gardener and Paul C. Marth, two Department of Agriculture men at Beltsville, Maryland, who were interested in the possibilities of the chemical sprays, wanted to provide a dependable supply of holly berries for the Christmas season. Holly, being dioecious, that is having separate male and female plants, is a doubtful producer. Frequently the male plant blooms before the female blossom is ready to receive the pollen. The result—no boutonniere for your coat, no bright berries for your house. When the female holly plants were sprayed with a solution of 100 milligrams of napthalene-acetic acid in 100 c.c. of water, each flower treated produced a fruit. Berries were also secured when the plants were watered with a .15% solution of indole-acetic acid.

Parthenocarpic watermelons appeared in experiments with napthalene-acetic acid pastes and solutions made by Cheon-Yin Wong working under Gustafsson's direction at Michigan State. Although strangely triangular and long, the melons were appetizing and entirely without seeds.

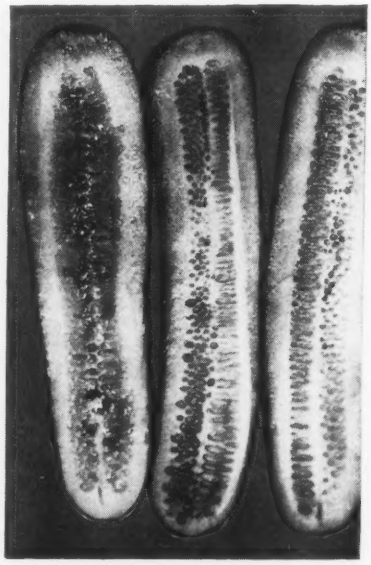
TREATMENT PREFERRED

So far, tomatoes have responded best to indole-butyric acid, diluted half and half. Strawberries seem to like indole-acetic acid full strength. Watermelons and cucumbers develop with very weak solutions of naphthalene-acetic acid. Of the chemical growth substances now known, not one will work on all species of plants, nor is one concentration successful even for varieties of the same species. Nothing is very certain, but if you'd like to try—

SPRAY OR PASTE

Of the 2 techniques, spraying the blooms with growth solutions is easier, but the slower method of removing the stamens and smearing the pistil with lanolin paste is more sure. In either case the stamens must be removed to make certain that the chemical and not natural pollen is responsible for the fruit.

Select 5 plants (tomatoes respond readily); leave one strictly alone as a "control" to compare with the treated plants. Spray the second plant with full strength solution on barely opened buds, making sure the solution wets the pistil



PARTHENOCARPY produced the seedless cucumbers at left and right

and stamen. Use a different concentration on the flowers of each of the remaining plants.

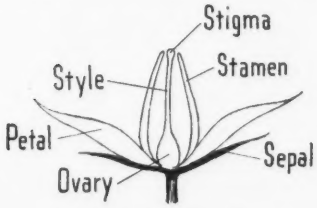
For spraying, a perfume atomizer or a nasal spray is fine. Use a solution of one gram of the growth substance you choose dissolved in 100 c.c. of distilled water. (Tap water may be too alkaline and may neutralize the chemical.) Split this solution into four portions of 25 c.c. each. Leave one part full strength; dilute one with an equal amount of water; add 75 c.c. of water to the third; and 175 c.c. to the last. Keep the solutions refrigerated when not in use, to prevent deterioration. One of these 4 concentrations of each chemical will probably be right for producing seedless fruit on the plant you choose.

PASTE IS SURER

More suited to amateurs, Dr. Gustafsson believes, is the technique employing lanolin paste. It offers more definite control, and gives immediate, clear indications of success or failure. Also, hormones last longer in lanolin than in water, since they can't oxidize so rapidly. Use hydrous lanolin from any drug store. Melt it in a glass beaker or enamelware pan, and slowly stir in 1 gram of the hormone you want to use. Heat the lanolin gently, so that it doesn't boil or burn, and keep stirring it after all the harmone is dissolved and the mixture removed from the heat. The hormone might settle, giving uneven concentration if it is allowed to cool and solidify without stirring. Don't be afraid of dealing with scientific measurements like grams and c.c. They make for accuracy that secures results otherwise impossible. Small c.c. measuring glasses such as are used to measure photographic chemicals can be gotten from the drug store; hormones may be bought in packages of 1/10 gram up to 5 or 6 grams, as you wish.

BLOSSOM SURGERY

For the paste technique you'll need a pair of small sharp scissors and a fine camel's hair brush. Just before the petals open on the flower bud, gently push them out, and de-antherize the bud by



Side view of tomato blossom and integral parts

cutting off the stamens just under the anther, the little knob where the pollen is produced. The style—the long slender tube that connects the ovary and stigma—should be cut completely through half-way down. The stigma is the only surface on which ripe pollen can collect, germinate, and fertilize the ovary; when it has been removed it is impossible for the ovary of the flower to be fertilized naturally. Fertilization must now depend on artificial methods, on the hormones and hormone-like chemical compounds that you supply. With the camel's hair brush, cover the cut surface of the style with a thin layer of the hormone paste. Whichever way you've used the hormones, sit back now and watch for results.

If you have used the solutions, perhaps you will get seedless tomatoes and perhaps not. The odds are that one of the concentrations will work. If you have used the paste method and been thorough, any fruits you produce will be seedless. If instead of developing the ovary shrivels and dies, the hormone solution or paste was too weak. Use 2 to 4 grams for the next attempt. Burned ovaries indicate too strong solutions. Reduce the hormone to ½ gram in the next mixture, and try again. Make a permanent record of your experiments and results, complete with photographs of any parthenocarpic fruits, cut in half to show seedlessness, so other experimenters can benefit by the information you contribute.

GENERAL ATTACK

If you can't secure the pure chemicals you might try one of the general-purpose rooting hormones now on the market. Dissolve an ounce of the powder in a gallon of water, and use it in a clean garden sprayer to treat your fruits and vegetables *en masse*. Seedlessness is only a chance with this treatment, but you can be sure that more flowers and fruits will set and hold on your plants with it. One Department of Agriculture experiment using naphthalene acetic acid, and aiming at seedless apples, failed to produce parthenocarpy, but made 98% of the fruit stick on the tree, instead of the normal 60%. Either way you can't lose, and the results are certain to be interesting.

Parthenocarpy is still an unsure infant of science. Although it has proven practical for some retail florists and commercial growers, there have been more failures than successes. Scientists will tell you that, so far, the only use for hormones they are ready to recommend is for the treatment of cuttings, but scientists are notoriously conservative in statement. Their findings have opened a stimulating field for good gardeners with curiosity, one that gives them a chance to find some of the answers themselves. Of the chemical growth substances now known, not one will work on all species of plants, nor is one concentration successful even for varieties of the same species. Probably some other chemical substance, or a combination of two or more, is necessary before seedlessness can be produced 100 per cent. A lot of fun awaits the garden experimenter.

KEEP YOUR DOG IN . . .

. . . other dogs out!

WHETHER a dog is a lot of fun or a nuisance, depends on where he spends his time—whether he's at home or on the rampage. Your dog is a lot safer when you keep him confined to your own yard. And your children, your shrubs and your flowers are a lot safer if you keep other dogs out.

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"What? WORMS in my Child?...*Never!*"

Don't be so sure, Mother!

Yes, *right now*, crawling round worms may be growing and multiplying inside your child *without your even knowing it!*

This nasty infection may be "caught" easily, everywhere. And the outward signs are very misleading. For example: Squirming and fidgeting. Nose-picking, and scratching other parts. Uneasy stomach. Finicky appetite. Biting nails.

If you even *suspect* that your child has round worms, get JAYNE'S VERMIFUGE right away! JAYNE'S is the best known worm expellant in America. It is backed by modern scientific study, and has been used by millions, for over a century.

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FREE! Valuable medical book, "Worms Living Inside You." Write to Dept. L-5, Dr. D. Jayne & Son, 2 Vine St., Philadelphia.

FLOWER OF ANTIQUITY

Known by the Cretans, of Biblical Symbolism, the Lily is Today a Garden Favorite

GARDENERS often claim that lilies are hard to grow. Some of them are. Yet to offset the few obstinate ones, there are over 50 inexpensive kinds that any novice can raise successfully. And, by a careful selection of varieties, you can have lilies in bloom from May until October.

WHERE LILIES COME FROM

There are more than 80 known species of lilies. From Asia—mainly China and Japan—come about half of them. North America is the home of 20 species. Of these 13 grow wild in the West alone. The Humboldt lily, pictured on this month's cover, is a Californian.

WHERE TO PLANT

With so many kinds of lilies, there is a wide choice of shapes, heights and colors. Lilies are used most in perennial borders. Try them in natural woodland plantings, in rock gardens, for bedding.

Though most lilies prefer an eastern or southeastern exposure, a few will grow in the sun. These latter are *Liliums auratum, formosanum, tigrinum, Humboldtii, Madonna, Willmottiae, Davidii* and those of the *elegans umbellatum* group.

Northwest-grown bulbs are superior to those imported from Japan and other countries. The home-grown bulbs are freer from disease and have better root systems. Imported bulbs usually have all of their roots cut off—some varieties never recover from this treatment.

WHEN TO PLANT

October and November are the best months for most lily planting. Three exceptions—*Liliums candidum, testaceum* and *giganteum* var. *himalaicum*—must be planted in August. All lilies deteriorate if they are kept too long out of the ground. Though you will see bulbs on store counters in the spring, these bulbs are pretty well dried out and as a rule don't develop into good plants.

SOIL PREPARATION

Lilies prefer a deep mellow loam. Add plenty of leaf mold and peat so that the soil will be fibrous and crumbly.

The soil must drain well. Sour, soggy soil is responsible for more lily troubles than anything else. If the soil is heavy, prepare planting holes 2 feet square and deep. Put 6 inches of broken crockery or gravel in the bottom. Over this put prepared top soil lightened with sand and fertilized with slow-acting bone meal. Don't use manure as it may carry diseases to the bulbs. In dry soils, sink water retainers (pipes, tiles or large cans with bottoms removed) vertically into the ground near the bulbs to a depth where the water can reach the roots.

DEPTH FOR PLANTING

Planting depths vary with the size of your bulbs and the species you've selected. As a general rule the stem-rooting kinds go 6 to 10 inches deep (the latter depth is only for the larger bulbs). Base-rooting kinds should be planted 4 to 6 inches deep.

There are several exceptions. Madonna lilies should be planted only 2 inches deep. The bulbs of *Lilium giganteum* var. *himalaicum* and *Lilium cordatum* should barely be covered with soil—the top of the bulb should be about even with the soil level.

Each bulb should be planted on a layer of sand at least an inch deep. Pour an inch of sand over the sides and tops of the bulbs and fill in the remaining space with good soil. This added precaution assures quick drainage.

Space small lilies 8 to 10 inches apart and larger ones 12 to 15 inches. Use a spade in planting, for large holes are needed. Gophers, field mice and ground squirrels like the bulbs, so use wire basket protectors.

LILY CARE

Dr. Albert Vollmer, San Francisco lily expert, recommends that at planting time you dust the bottom of each lily bulb with a hormone powder, which speeds up the production of roots. Experiments with vitamin B_1 are still in the laboratory stage but Dr. Vollmer has found already that the plants do better when watered with liquid vitamin B_1 solution.

Many lilies have stem roots within an inch of the surface. They radiate 6 to 8 inches on all sides of the bulb, nourishing the stalk and thus helping to feed the bulb for the following season's growth. Don't disturb these roots when you cultivate. Give them a one-inch mulch of peat or leaf mold to keep them moist and cool.

DIVIDING

As long as your lilies flower well, leave them alone. When they are crowded they show it by too many stems and small scanty flowers. To divide lilies, lift them in October or November. Replant immediately after dividing.

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WILD FLOWERS

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PROPERLY PLANTED, a few packets of wild flower seeds will make a thing of glory out of a vacant lot or bring "different" annuals to the garden. There is more to it, however, than just scattering seeds and leaving the rest to nature.

For the best methods, *Sunset* has consulted Elmer Purdy, son of Ukiah's famous plant collector and student. He points out that native annuals are used in two ways: as garden annuals and to beautify vacant lots, roadsides, etc.

SOWING IN GARDENS

Sow just as you would the easier of the hardy garden annuals. The best way is to broadcast directly in beds where the flowers will bloom. Thin seedlings to 6 to 9 inches apart. Splendid results follow such sowings made from October to March 15; with good moisture, seeds may be sown as late as May.

In broadcasting, both in the garden and elsewhere, distribute the seed evenly by mixing with 20 times its bulk of fine sand. Divide the mixture into 2 parts and sow over the area twice, the second time across the first. To cover, rake lightly (in large areas, team-harrow).

IN VACANT LOTS, ETC.

The greatest problem in beautifying vacant lots, etc. is to eliminate unwanted weeds and grasses. This may be done by burning the area, then encouraging a second and even a third crop of weeds by watering (the rains will do this for you in dry areas). When the weeds come up, either spade and rake, plow and harrow, or hoe clean and cultivate to a depth of 2 inches. Repeat the process for the second crop.

Fall sowing, according to Mr. Purdy, is best and surest. Plant preferably before December 1, and just after or before a rain. Plantings up to February 1 are safe; after that, success is a gamble because of the dry spells between rains.

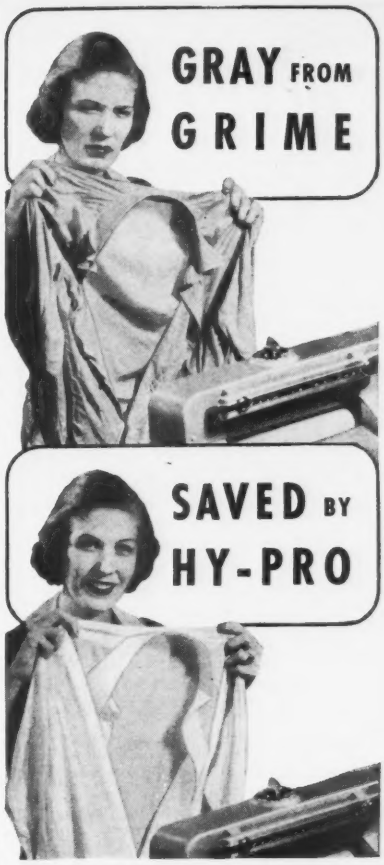
PROBLEM SEEDS

Lupine* seeds should be sown in drills or hills (about 6 to a hill) and covered with ½ to ¾ inch of soil. Abronia seeds should be sown in hills and given a ½-inch covering.

YEAR AFTER YEAR

There probably will be a good crop of self-sown plants the second year. Weeds and grass creeping in will probably result in a poor third-year crop. For best results reseed annually.

**Dr. N. T. Mirov, native plant specialist for the California Forest and Range Experiment Station, advises soaking lupine seeds in hot (but not boiling) water. Soak overnight.*



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DUTCH IRISES

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As you thumb through bulb catalogs for planting suggestions, don't overlook the Dutch irises. Their distinctive flowers come in many colors; their foliage is grass-like rather than flattened like that of bearded or flag irises. Dutch irises grow from small bulbs and the foliage dies down during the summer. Though Spanish and English irises are closely related, the Dutch are earlier, larger, have better colors and are fine for cut flowers.

DUTCH IRIS PLANTING

If you want a succession of bloom, start planting in October and continue every 2 weeks until late December.

Exposure, except in the hotter sections of southern California, is always best in full sun. In the warm belt give them light shade so that the colors will not be burned by too hot sun.

Though a moderately fertile, well-drained soil is best, Dutch irises will grow in almost any kind of ground.

Plant the bulbs 3 to 5 inches deep and in clumps of 3 or 4 for best effect. Since the flower stalks are at least 2 feet tall and a little naked looking, plant them towards the back of the bed. It is safe to grow them in a mixed border for summer watering does not seem to harm the dormant bulbs.

CULTURE

Active growth begins soon after the bulbs are planted. Little green spear-like shoots poke through the ground. Be careful not to break them off when cultivating. After the flowering period (late January to early May, depending on variety and location), allow the foliage to ripen. When the leaves have turned completely brown they can be cut off. The bulbs can remain in the ground for 3 to 4 years before dividing. This should be done in the summer after foliage has ripened.

VARIETIES

Blues, Purples: *Wedgewood:* medium blue; often blooms late January or early February. *The First:* marine blue; early-bloomer, too. *Jacob de Wit:* dark blue. *Jan Weenix (Morning Mist):* light blue. *Poggenbeek:* dark blue; late-bloomer. An improved *Imperator, Adrian Backer (Lilac Wonder):* purple-lilac. *W. Zuiderveld (Violet Queen):* light bluish-violet. *S. De Vlieger (Blue Horizon):* violet-blue.

Yellows: *Golden Glory:* golden yellow. *Yellow Queen:* brilliant yellow; early-blooming.

White: *D. Haring:* large white; very popular at Treasure Island last year. *White Excelsior:* good white; early-bloomer.

Bi-Colors: *Leonardo Da Vinci:* white standards, canary-yellow falls. *Therese Van Duyll Schwartze:* cornflower-blue standards, white falls with narrow orange stripe; mid-season. *Indian Chief:* violet standards tinged light bronze, falls all bronze. *Golden Bronze:* dark violet standards edged bronze, golden bronze falls.

The bulbs cost from about 60 to 75 cents per dozen or $5 to $6 per 100.

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(Trade Mark
Patents Pending)

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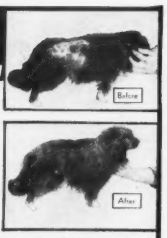

The dog on the right suffered from typical Summer Eczema caused by external parasites — NOT food. The combination of HILO DIP and HILO OINTMENT corrected the trouble in six weeks **Prices: HILO DIP** 1 oz 25c; 3 oz 50c; 6 oz 85c; Pint $2.00; qt $3.50; **HILO OINTMENT** 1 oz 25c; 3 oz 50c; 15 oz $1.50 At Pet, Seed, and Dept. Stores Pamphlet with many photos of actual cases FREE If your dealer cannot supply you write Dept. S-11
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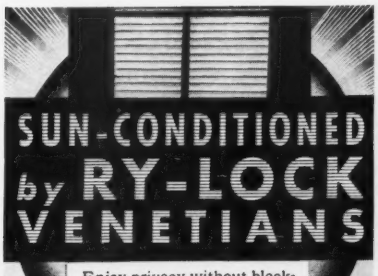

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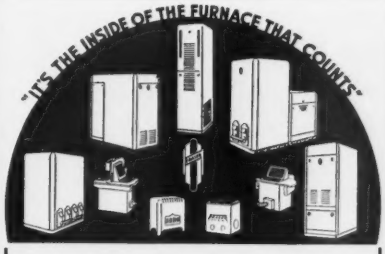

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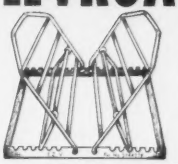

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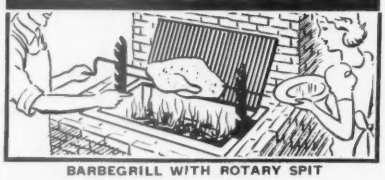

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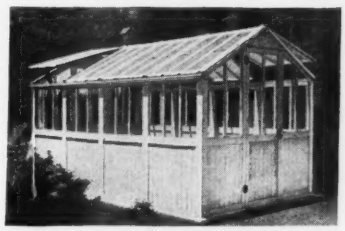

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MORE SUNSET GOLD

(*continued from page 3*)

SEE AN 1853 RANCHO

Dear *Sunset:* In the days of early California, many an exhausted immigrant party along the San Bernardino stage coach road and many a 20-mule freighter found shelter in the hospitable adobe rancho of Don Ygnacio Palomares. In succeeding years, the romantic old Palomares hacienda (at Pomona, Calif.) fell to almost complete ruin.

Today its doors once again are swung open to visitors, for the famous adobe has been restored to its original state. As a result of the combined effort of federal, local civic and private organizations, the fallen structure was rebuilt, the 13 rooms restored to their authentic original state, and original plantings duplicated. The rooms are filled with treasures donated by the Palomares family, friends and relatives. Today visitors resting on authentic copies of old wooden benches may visualize the gentle and simple life lived here in days gone by.

Allen J. Cummings, Los Angeles.

SLIPPIN'

My grammaw, she wud nip a pinch
From sumpin' 'at wuz growin';
Ofttimes it warn't but a inch—
She had a way o' knowin';

She nailded little woody stands
An' hanged 'em out th' winder:
She'd tuck th' slip in 'with her hands,
An' nary us'd hinder;

Sum folks'd say, "My, that won't grow,
My sis she tried it offen"—
Us kids'd wiggle our big toe
An' kinda git t' coughin';

They dinnot see th' things she done,
W'en grammaw was a'puttin':
She had the "magic"—it wuz fun
T' watch th' things a'rootin';

My sis, she stole my grammaw's dirt,
An' putted in a penny;
But, lawk, she duzzent feel so pert,
It dinnot grow, not enny;

An' so, we knowed my grammaw had
Th' "magic," not from bookin';
An' all o' us wuz awful glad
She 'lowed us to keep lookin'.

Nell R. Maddocks, Fair Oaks, Calif.

REDSKIN RELATIVES

Dear *Sunset:* The American Indians had some bright and original ideas. The far-sighted Paiute tribe living on the reservation at Fort Bidwell, Calif., devised an effective means of curbing visits of relatives. They wrote this plain-spoken provision into their constitution:

"Visits from relatives or friends of those having residence on the reservation shall be permitted, but shall be limited to fourteen days at any one time, and shall not exceed thirty days in any one calendar year."

Jasper B. Sinclair, San Francisco.

A PIONEER REFLECTION

Those days knew reckless courage beyond
the written rules.
The wagon train had oxen—but Grandpa
drove his mules. . . .

The call to California, the mountains and
the plain . . .
And Indians to scalp you, and turn you
back again.

They crossed the thirsty desert—they
drove with might and vim;
And there lay California beyond the
mountain's rim.

I've turned out well—but stubborn—I've
gone to splendid schools,
But my folks say I favor my Grandpa's
mules.

Helen Maring, Union, Wash.

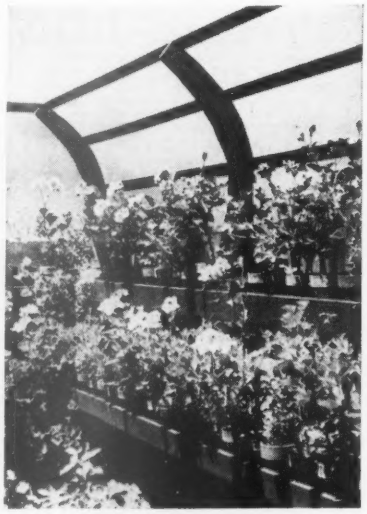
DINNER GHOST

Through the lid of a pot
that will not close tight
sneaks a wraith of steam
like a soul in flight.

Is it boiled meat's bubbles
that doubles him out
to haunt our noses—
the redolent lout?

Roland Ryder-Smith, Seattle.

OFFICE GARDEN



Dear *Sunset:* I have a pot garden in the rear of my office where I grow fuchsias, tuberous begonias and pelargoniums. The area fenced in is about 8′ x 15′.

A prize, for uniqueness, was awarded the garden by the garden section of the Menlo Park Women's Club.

R. J. Gerlough, M. D.,
Menlo Park, Calif.

Office-garden hours: 12:00-2:00!—ED.

VEGETABLES TO WEAR

Dear *Sunset:* after reading your article "Vegetables for Eating and More," in which you gaily suggest cabbages and carrots for "flower" arrangements, I couldn't quite resist the following outburst:

GOURMAND'S GARDEN

There are beets among the roses
And potatoes in the 'mums;
Small red radish poke up noses
Underneath the flowering plums.

Chive and lilies share a section,
And they harness very well;
While the chard has no objection
To the canterbury bell.

For utility and beauty
Here's a planting can't be beaten,
Since it does a double duty
And can be both worn and eaten!

Virginia Brasier, Altadena, Calif.

FALL JINGLE

Autumn's cruel, successful joke:
Gorgeous, tempting poison oak!

Margaret Gibsen, Burlingame, Calif.

HOUSE OF THE SUN

Dear *Sunset:* High up among the red cliffs of Piutte Butte, in the heart of the Mojave Desert, stands the unique and complete Indian Museum, "Yato-Kya." In Zuni, this means House of the Sun.

Yato-Kya was the dream of H. Arden Edwards, Los Angeles, an Indian student, who spent 14 years in building this castle among the crags. Mr. Edwards put into it a marvelous collection of relics, fossils and articles of Indian handicraft that portray the life and history of the Southwest desert tribes.

Around Yato-Kya there are no formal gardens, no flower beds, no spreading lawns, no paved driveways. Viewed from a distance it seems a part of the desert. Its soft colorings are pale blue, orange and yellow.

The house was built around the rocks. Two of the walls of the Hall of the Sun Gods (the main room) are the natural bluffs themselves. A stairway, which leads to an upper room, is a series of steps cut in the stone.

There is a small admission charge.

Dennis R. Stovall, So. Pasadena, Calif.

CROSS-COUNTRY

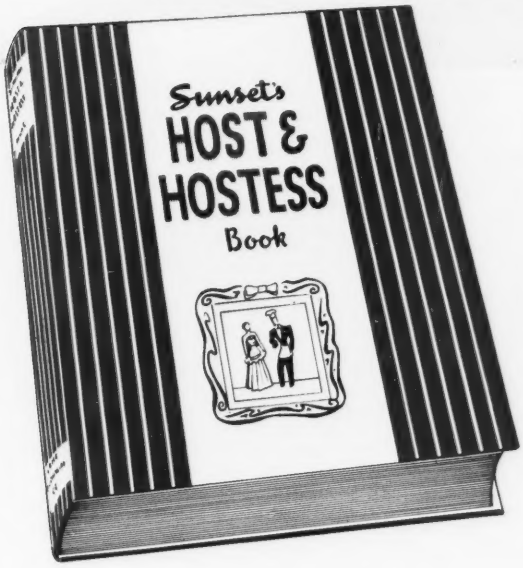
I like the road, and the moods of the
towns . . .
Sticky, repulsive, drab little towns;
I like to feel the city throng;
I like to carry the mood along.

I like to feel the moods of the towns . . .
The dead romance of the old ghost town.
I like the swing of the country jazz,
And the peaceful drowse
That the home-town has.

Joan Storm Night, Crestline, Calif.

You'll never run short of ideas for original entertaining . . . with

SUNSET'S HOST & HOSTESS BOOK



WRITTEN primarily for Pacific Western hosts and hostesses, this beautiful master-guide to correct, modern and brilliantly unusual guest occasions, is being welcomed by thousands of SUNSET readers who are on the lookout for new ideas!

Throughout these 192 pages are scores of lively how-to-do-it illustrations, designs for exquisite flower centerpieces, "pattern meals" that show you every step, a galaxy of prize SUNSET Magazine recipes *specially arranged and indexed under occasions for their use*, and, in each chapter, carefully authenticated DO'S and DON'TS for every kind of entertaining, formal and informal.

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SHOWERS: Marriage, birth, trip and cruise showers; interesting and novel variations; gifts for anniversaries—paper, wood, silver, etc.

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DINNERS: Company, emergency, platter, small-table, bridge, shore dinners; formal and informal; dinner for 50.

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OUTDOOR EATING: Around the barbecue; on the patio; in the garden. Away from home—picnics, at the cabin or beach.

WITH, FOR AND BY MEN: Menus and recipes for the Host to wrestle with alone in the kitchen. Tested and approved by men.

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